

Professional Issues

Getting Experience & Planning Ahead 2012/13

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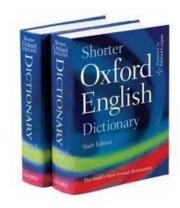
Focus on...

- Professionalism
- Career management
- Graduate Attributes
- Reviewing where you are now
- Developing work experience + skill-set
- Career events this semester

...and a look at time-scales

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Professionalism



"...the competence or skill expected of a professional" Oxford dictionary

But what do we mean by this?

Two perspectives:

- A professional role
- A professional approach



Professionalism - Themes

- Professional identity
 - Professional role; Professional membership
- Professional standards/ membership
 - Performance standards / measures; Regulation; Vigilance; Accountability;
 Chartered status
- Professional skills/knowledge
 - Competencies technical, personal, professional
- Professional attitude
 - Integrity; Trust; Relationships; Standards; Judgement; Autonomy; Efficacy
- Professional development
 - CPD (Continuous professional development); lifelong learning
- Professional community
 - Membership, collaboration, networking, contribution to profession/society

"Wisdom is not a product of schooling but a lifelong attempt to acquire it."

(Albert Einstein)

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Competencies – what are they?

Competences are a set of particular 'Skills, knowledge, attitudes and experience'.

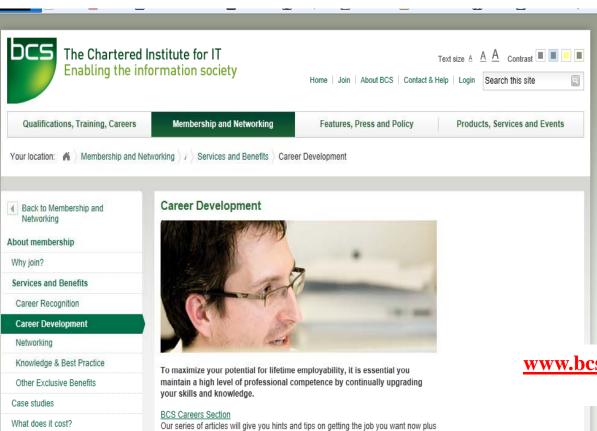
(Gorsline 1996)

Why are they relevant?

Competencies possessed by an individual are directly related with their job performance, capabilities and ability to deal with demands.

(Bartram 2005)





the one that you are aspiring to obtain in the years to come.

From freelancing to the all important covering letters, CVs and application forms, right through to making the winning impression at interviews - it's all dealt with in our Careers section.

BCSrecruit.com

Code of Conduct

Become a member Become Chartered

Member Groups

Upgrading and renewing membership

Continuing Professional Development

Group Membership (Employers)

Grades

BCSrecruit.com is the official BCS jobsite. Register now to create your own portfolio, apply for the jobs and upload your CV so leading employers can see what you can do.

Continuing Professional Development (CPD)

Under the BCS Code of Conduct and Practice there is a requirement for you to develop and maintain your skills.

Browse SFIAplus

The Skills Framework for the Information Age (SFIA) is the industry recognised framework for IT knowledge, skills and training. Members can use Browse SFIAplus to explore the full framework and plan their career development.

www.bcs.org/category/9233

















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Green IT

IT Can Help Network

Professionalism Programme

The ambition

The scope

Working with BCS

Contact

Race Online 2012

Role and Purpose

Structure

Working at BCS

Annual Report

Press Office

International Activities

Qualifications, Training, Careers

Membership and Networking

Fasturae Prace and Policy

Making IT the profession of the 21st century

IT has moved from providing technical solutions to powering business.



The world economy is becoming ever-more dependent on the potential of technology to deliver information, products and services to its populations. BCS is committed to improving the ability of business and other organisations to exploit the potential of information technology effectively and consistently and to building an IT profession that is respected and valued by all its stakeholders.

BCS is partnering with business and other organisations through the strategic objectives of this programme to maximise the benefits of information technology for the whole of society.

The IT profession is as much about Information as about Technology and must be seen - and see itself - as an integral part of the business.

The ambition

The scope

Professional issues articles

Jim Norton on professionalism

During his year as BCS President, Jim Norton took part in a debate at Sheffield Hallam University about what is the meaning of professionalism along with a senior doctor and senior lawyer.

Features

Interview with Charles Hughes BCS talks to Charles Hughes about professionalism in IT.



BCS talks to IBM's Paul Martynenko professionalism in IT and the business benefits of a partnership with us.



www.bcs.org/category/7532



3 Pillars of Professionalism

- Competence
 - Technical competence (experience & theory)
 - Soft skill competence including:
 - Interpersonal skills
 - Communications skills
 - Management & leadership skills
 - Understanding of the business domain

Personal Responsibility & Personal Obligation

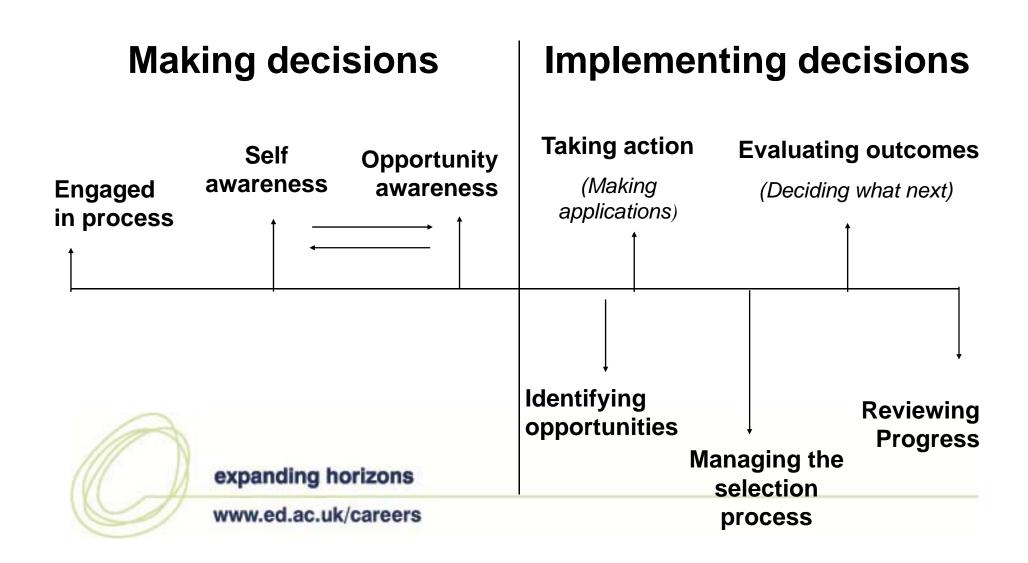
Contribution to society

Source: Charles Hughes, BCS Past President





Active Career Management Central to professionalism





- Bringing IT students and employers together
 - www.e-placementscotland.com
 - Dr Colin Smith





Professionalism – Graduate Attributes

What are Graduate Attributes?

The skills, abilities and approaches which students have the opportunity to develop while at University.

GAs are shaped by both academic and non-academic experiences.

How are they developed?

Experience - a wide range & diversity of experiences will increase & strengthen the range of graduate attributes developed.

Reflection - reflecting on experiences significantly increases the amount of learning and development achieved.

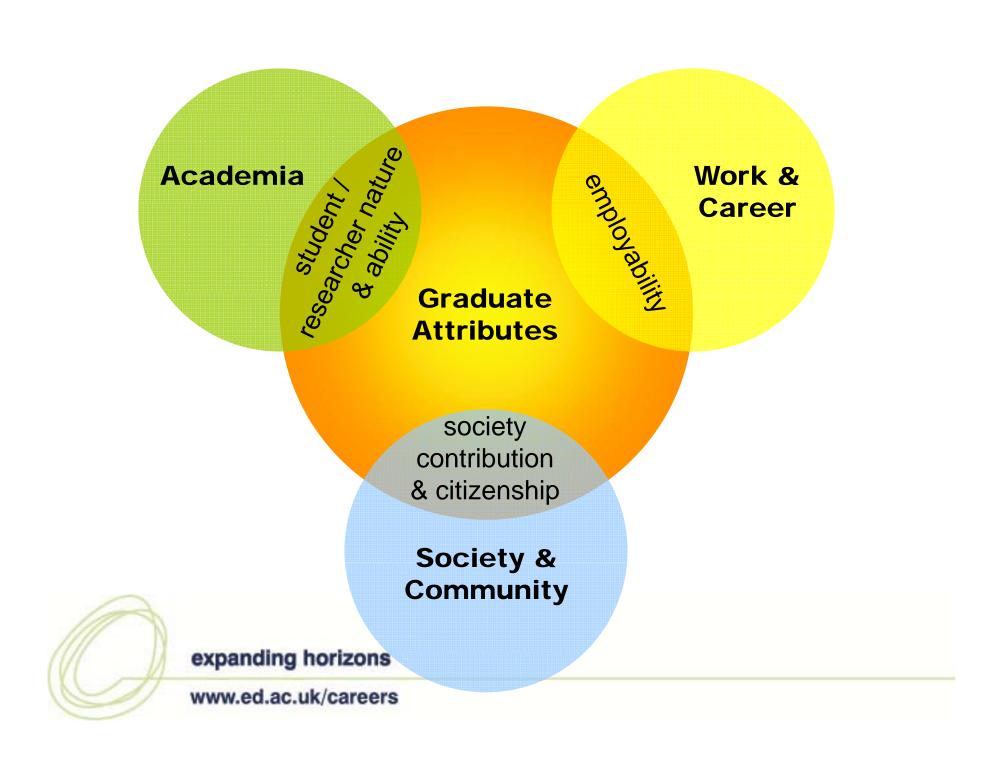
Responsibility - We all have responsibility for our own personal development.



Reference PDF:

An introduction to graduate Attributes for Tutors & tutees www.employability.ed.ac.uk/documents/PTS/PT-GA-Intro.pdf





Employability Initiative at Edinburgh

EdGE home

Employability

Developing your EdGE

Expanding your potential

EdGE Database home

Using the EdGE Database

Search the EdGE Database



The Edinburgh EdGE is about:

www.employability.ed.ac.uk

- knowing and developing your strengths,
- having evidence for your abilities and achievements,
- being confident about the best way to communicate all of this to potential recruiters.

It means taking advantage of the opportunities available at university **now**, whilst you're a student, so that you stand out from the crowd as a graduate.



Employability: what is it and how can I get it?



Developing your EdGE: 3-step employability plan



Expanding your potential: useful resources

Gaining experience & developing skills

...first a bit of context

...then some practical stuff



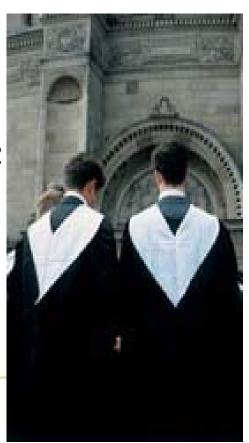


Graduate Recruitment Market

The good news!

- IT skills are in demand....in all sectors!
- 90% of Edinburgh 2011 grads were in employment or training after 6 months
- Growth in demand for software professionals forecast to 2020 - 2.4% per annum
- Edinburgh is a leading international university
- SAGE vacancies increased significantly in 2011/12
- IT employers keen to engage with you
- IT developments security, cloud, handheld devices
- Local investment recent investment in Edinburgh





Semester 1 - 2013! Graduate jobs - Will you be ready?

Babcock	IT	28 October 2012
BP	IT Future leaders	31 October 2012
Coca-Cola Enterprises	Business Technolgy IT	31 October 2012
Unilever	IT	23 November 2012
GE Generla Electric	IT	1 December 2012
Standard Life	IT grad programme	7 December 2012
Barclays	IT	30 November 2012
Delcam	Software engineer	31 December 2012
Jack Wills	IT	14 January 2013
BT	IT	ongoing but ASAP
Deloitte	IT & Consulting	ongoing but ASAP
Shell	IT	ongoing but ASAP



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Blue chip/ International Orgs Management consultancies Investment banks

General Guidelines

Applications close

www.ed.ac.uk/careers

October/November

Thinking of postgrad study?

••••note early postgrad deadlines!

- UK course application deadlines from December 2012
- Edinburgh PhDs & Scholarships
 First round application deadline 16 December
- Edinburgh MSc courses ASAP
- Vocational courses check what interests you
 - Eg Teaching (Primary), GTTR

1 December

Some may be even earlier.....

Fulbright US-UK Fulbright 2013-14 Student Awards - 14th Nov 2012

www.ed.ac.uk/schools-departments/student-funding

www.ed.ac.uk/careers > Explore your options > further study

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Internships /Placements 2013again, early applications often needed!

Saltire Foundation Global Interns 1st -22nd November 2012

Standard Life IT internships 7 December 2012

IBM Extreme Blue IT Intern 31 December 2012

Directline IT Intern 31 December 2012

Deutshe Bank Global Analyst Intern 14 December 2012

Deutsche Bank Spring into Banking Easter week 18 January 2013

GE General Electric IT Intern 31 January 2013

Microsoft IT Intern 31 January 2013

Accenture Summer Placements ongoing

Accenture 48 hour Bootcamp ongoing

BNP Paribas Spring Insight &Technology Intern ongoing

Hewlett Packard Tech Intern ongoing

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Placements common route to grad jobs

www.ed.ac.uk/careers

Check SAGE regularly

"We would encourage you to get involved at University with Clubs or Societies, or in part time work, and summer work/ opportunities...

The majority of people who attend University will leave with a good degree - what makes you stand out from the rest?"



Carol Williamson,

Business Development Manager

Graduate Recruitment

Proctor & Gamble



YOUR EXPERIENCE What have you done so far?

- Jobs relevant to your degree / career goal
- Unrelated jobs
- Other experience

Benefits?





".... any work experience is great, however, relevant work experience including internships means your application will create a much greater impression...."

Graduate Recruitment Manager Standard Life





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What employers look for



Grad Software Engineer Requirements

- Strong academic record BSc /MSc / PhD a plus
- Experience:
- UNIX/Linux or Windows and/or Mac environments, distributed systems, machine learning, information retrieval and TCP/IP
- programming in C, C++, Java and/or Python
- network programming and/or developing/designing software systems







Google Software Engineer What else is wanted?

- Problem solving ability
- Team players
- Analytical thinkers
- Trouble shooting ability
- Technology whizzes
- Creativity
- **Flexibility**
- Aptitude to 'zoom in' on detail
- Agility to 'zoom out' & see bigger picture
- Personal drive





Competency Framework

IBM

- Adaptability
- Client focus
- Communication
- Creative problem solving

- Drive to achieve
- Passion for business

SHOPPING LIST

- Taking ownership
- Teamwork and collaboration



Skills Audit How well developed is your skill set?

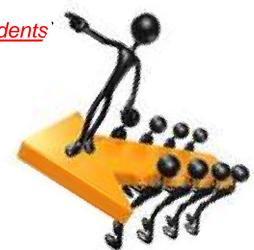
Skills regularly requested by employers	University Course Place a tick against each skill developed in this context.	Work Experience Place a tick against each skill developed in this context.	Outside interests Place a tick against each skill developed in this context.
Written Communication			
Oral Communication			
Research & Critical Thinking			
Analysis & Problem Solving			
Planning & Organising			
Leadership			
Teamwork & Interpersonal Communication			
Creative Thinking			
Commercial Awareness			
Adaptability, Flexibility & Initiative			
Personal Career Development	s		

Developing your experience

- Formal internship/work placement (UK or abroad)
- Project experience in SME (e-placement Scotland, STEP www.step.org.uk)
- Work abroad (IAESTE 10 Dec www.iaeste.org/students)
 - Work shadowing
 - Voluntary work <u>www.ed.ac.uk/schools-departments/careers/explore/volunteering/overview</u>
 - Visits



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Careers Fairs www.ed.ac.uk/careers/fairs

Recruitment presentations <u>www.ed.ac.uk/careers/talks-events</u> & www.ed.ac.uk/informatics

Internships/placement vacancy sites

SAGE –<u>www.ed.ac.uk/careers/sage</u>

www.e-placementscotland.com

www.prospects.ac.uk/

www.targetjobs.co.uk/work-experience

www.insidecareers.co.uk

www.step.org

www.iaeste.org.uk

Publications – CS Guide, Prospects, Get, Times Top 100, Guardian 200

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Careers fairs Overview

Careers fairs

Overview

Edinburgh Graduate Recruitment Fair

Tuesday 29 May 2012 - Adam House, Chambers Street.

Edinburgh Graduate Recruitment Fair

Scots Law Fair

Wednesday 26 September 2012 -Playfair Library, Old College

Scots Law Fair

Careers Fair

Tuesday 9 and Wednesday 10 October 2012 - Adam House, Chambers Street

Careers Fair

Third Day: More than Profit Fair

Thursday 11 October 2012 - Adam House, Chambers Street

Third Day More than Profit

Global Experience Fair

Wednesday 24 October 2012 - Teviot Row House

Global Experience Fair

Virtual Careers Fair: China and SE Asia

29th October to 2nd November 2012 - online event, accessible worldwide

Virtual Careers Fair: China and SE Asia

Virtual Careers Fair: North America

1st October to 5th October 2012 - online event, accessible worldwide

Virtual Careers Fair: North America

TARGETcourses Postgraduate Study & Funding Fair Scotland

Wednesday 1 February 2012 - Teviot

TARGETcourses Postgraduate Study & Funding Fair Scotland

This article was published on Sep 7, 2012

Visit the <u>Careers Service website</u> for help with CVs, applications and interviews, careers information, how to speak to a Careers Adviser and much much more.

Vacancy Search Results

Now displaying records 1 to 10 of 17.

1 2 Next >>

[Print Results]

Job Title	Employer Name	Closing Date	Closing Date Comments	
NEW TODAY <u>Technology Research - Summer Placement 2013</u>	вт	31-Dec- 2012	Please note that they will process applications as they are received, therefore they encourage you to apply early.	
NEW TODAY <u>Technology Software & Systems Engineer (Govt & Security Projects) - Summer Placement 2013</u>	вт	31-Dec- 2012	Please note that they will process applications as they are received, therefore they encourage you to apply early.	
NEW TODAY IBM's Summer 2013 Internship Programme, Extreme	IBM	31-Dec- 2012		
Shell EmployAbility Internship Programme, Commercial (Opportunities for disabled and dyslexic graduates)	Shell	04-Nov- 2012		=
Shell EmployAbility Internship Programme, Technical/Engineering (Opportunities for disabled and dyslexic graduates)	Shell	04-Nov- 2012		
<u>Graduate Step: Business Development Support</u> (SLC) 8 Weeks	Bright Business Partnership	28-Sep- 2012	Apply as soon as possible	
Wind Turbine Modeling and Control Strategy Internship (3-6 Months)	Goldwind Science and Technology		Apply as soon as possible	
<u>Internship Opportunities</u>	AB InBev		For candidates applying to GMT, Supply and Commercial programmes in the UK, France, Belgium, Netherlands. Deadline for applications !! 5th November 2012. For Germany, Czech and Hungary, dealine is 19 April 2013	
<u>J.P. Morgan Internship Programmes</u>	JP Morgan	25-Nov- 2012	November 25, 2012 or January 13, 2013 depending on business area. Off-Cycle/Seasonal Internship deadlines vary by programme, please see our website for details Early applications are recommended as screening will start immediately.	
Technology Summer Analyst (Internship)	Morgan Stanley	12-Dec- 2012	PLEASE NOTE: Deadline for applications is 19 December 2012 for Glasgow and 12 December for London. Other locations' closing dates will differ, please refer to website. Although application deadlines are in place, candidates are advised to apply early as assessment centres are likely to be in November.	







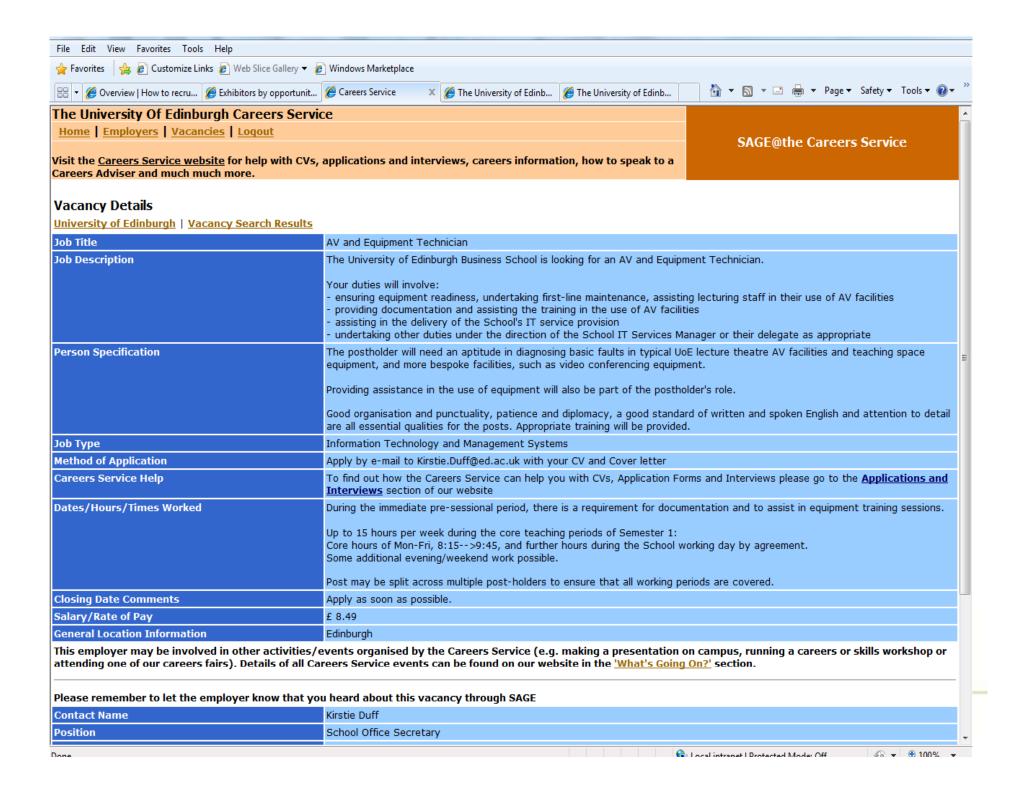


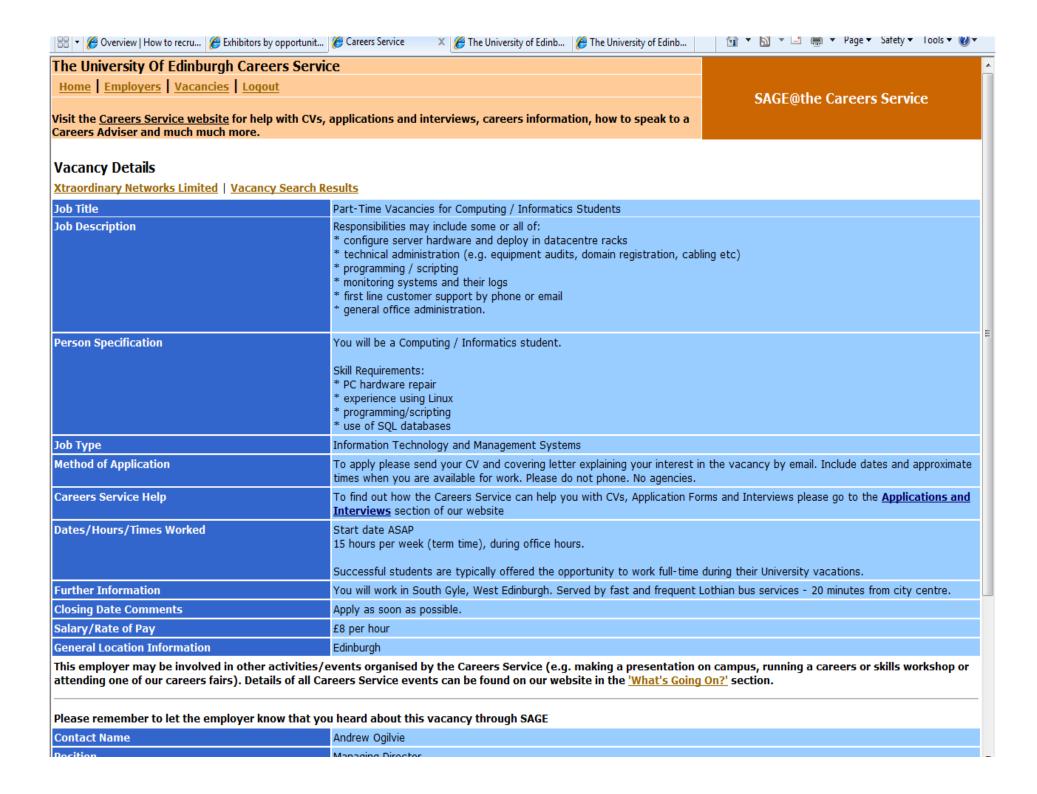






SAGE@the Careers Service







- International placements in leading global firms
- **Networking with high level executives**
- 8 week programme June August 2013

Characteristics wanted:

- Ambitious, dynamic and enthusiastic, with positive work ethic.
- Able to show initiative, entrepreneurial promise and professional behaviour.
- Passionate about representing Scotland
- Online application open 1-22 November







Q

HOME ABOUT US FELLOWSHIP UNDERGRADUATE BE INVOLVED COMMUNITY NEWS & EVENTS

You are Here: Undergraduate Programme > Scholar Bios > RobbieBailey



ROBBIE BAILEY

Robbie is a third-year Computer Science student at the University of Edinburgh. This summer he will be interning with IBM in Beijing working in Tech Products Sourcing. He has a particular interest in big-data analytics and machine learning as well as app-development and programming in general. He has recently finished working as part of a team to develop a football playing robot to compete in a world cup style tournament. Outwith his studies he has a strong passion for youth development and creating opportunities for young people and has been involved in several youth projects in the north of Scotland.



Finding other opportunities

- Company websites
- Professional / Industry bodies -

(BCS <u>www.bcs.org</u>, Scotland IS <u>www.scotlandis.com</u>, check links via CS Occupations section <u>ww.ed.ac.uk/careers/occupations</u>)

- Employment Agencies (casual work)
- Networking
- Speculative approaches
- Creative approaches









Creative Job Search

If your entire job hunting effort relies on looking at adverts, then you're only fishing in one part of the river – and what's more that's the bit every one else has their rod dangling in!





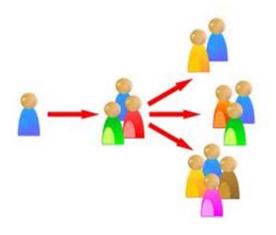
Creative / Speculative Approaches

Be bold....

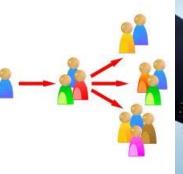
- Focus
- Target
- Aim your career goal
- Sell
- Get personal Network!







Identifying YOUR Network





- Family & friends
- Academic contacts
- Work colleagues/ customers
- Each other
- Online networks
- Other

How do you grow it?

- Careers Fairs
- Employer Presentations
- Work contacts
- Alumni contacts
- Tech meet-ups
- Other



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- Careful targeting (job and employer)
- Highlights relevant experience, skills and achievements
- Gives space and importance to the most relevant material
 - Makes an impact
 - Visually appealing

clear layout, avoiding lengthy text

- Appropriate headings & order reverse chronological or themed
 - Appropriate length (UK industry norm 2 pages)
 - Accompanied by a strong covering letter

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Covering letters

- Keep to one page
- Introduce yourself positively
- Clarify what you are applying for
- Show your motivation for role/organisation/sector
- Highlight your suitability & what you can offer
- Demonstrate how you meet their requirements
- Keep a positive & professional approach
- Observe business protocols

inc. use of Yours faithfully / Yours sincerely



Application forms

- Plan answers carefully following guidelines
- Frame answers (eg 'CAR' Context, Actions, Result)
- Give sufficient detail ...but remain concise
- Give thought to vocabulary used
- Triple check spelling & grammar
- Ensure form is easy to read
- Allow sufficient time to complete





Career Action Planning

Questions you may want to ask yourself:

- what is it I want to achieve?
- how do I plan to get there?
- what are the steps I first need to put in place?
- what barriers do I need to overcome?
- are there people/organisations who can help?
- what/ where are the resources which can help?
- do I need to complete a task by a certain time?
- how will I know when I get there?



Action Plan

✓Set your goals - long term goal and then short & medium term goals or objectives.

Identify actions required to achieve your goals. Break these down into easily achievable SMART tasks (specific, measurable, advantageous, realistic, time-bound).

Recognise any **possible constraints** - what might hold you back – along with what/**who might help you**. **Set dates for action** – this will help you to recognise your progress.

Regularly review your action plan to **measure your progress** and **reflect** on what you have learned and achieved.

My Long Term Goal	Short and Medium Term Goals	Actions Required	Constraints	Who or What Can Help Me	Target Date for Action
					Aotion
1	1				

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Your Careers Service - How we can help you

- Vacancies: SAGE www.ed.ac.uk/careers/sage
- Careers information centre + publications
- Website: www.ed.ac.uk/careers
- Events:
 - Fairs
 - Employer Presentations
 - Information sessions
 - Job hunting sessions
 - PG sessions
- Appointments:
 - Bookable appointments
 - Wednesday drop-in slots

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Careers Service - Where to find us?

3rd Floor, University Library, George Square

Tel: 0131 650 4670

Weir Building, KB

Tel: 0131 650 5773

Email: careers@ed.ac.uk

www.ed.ac.uk/careers

www.facebook.com/EdinburghCareersService







Careers & professionalism

Finding out more....



Skills Framework for the Information Age



www.sfia.org.uk/cdv4/usefulstuff/ReferenceGuideSFIAv4.pdf



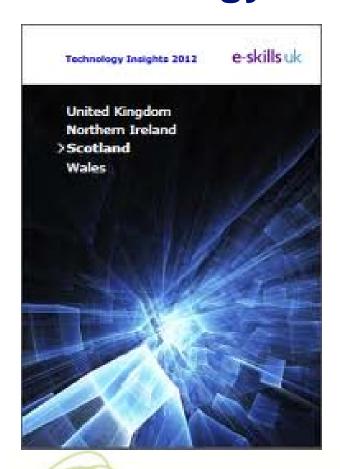
SFIA categories

- 1. Strategy and architecture
- 2. Business change
- 3. Solution development and implementation
- 4. Service management
- 5. Procurement & management support
- 6. Client interface

SFIA levels

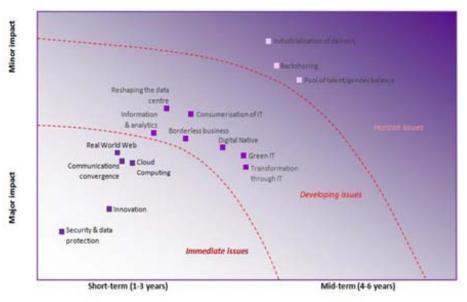
- 7 Set strategy/inspire
- 6 Initiate/influence
- 5 Ensure/advise
- 4 Enable
- **3** Apply
- 2 Assist
- 1 Follow

Technology Insights 2012 - e-skills uk



Horizon Issues

Figure 17: Trends shaping IT & Telecoms skills changes



Source: Technology Insights 2011: Trends and UK Skills Implications, e-skills UK/Experian

www.e-skills.com/research/research-publications/insights-reports-and-videos/technology-insights-2012/

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