

# Business Computing

Your Careers Adviser

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## Skills developed in college

You will have already developed a range of skills throughout your education (academic & extra-curricular), work experience and personal interests and activities.

Below are some examples of skills developed as a result of studying Business Computing. They are not limited to your academic study and can be applied to other contexts. Job vacancy details often refer to these skills. Evidence-based skills sections on your CV demonstrate the broad range of qualities you have to offer employers such as being able to:

- Apply knowledge and understanding of essential facts, concepts, principles and theories relating to computing and computer applications
- Use such understanding in modelling and designing computer based systems for the purposes of comprehension, communication, prediction and the understanding of trade-offs
- Use criteria and specifications appropriate to specific problems, and plan solutions
- Analyse the extent to which a computer-based system meets defined requirements
- Deploy appropriate theory, practices and tools to specify, design, implement and evaluate computer-based systems
- Present succinctly to a range of audiences (orally, electronically or in writing) rational and reasoned arguments that address a given information handling problem or opportunity
- Recognise the professional, moral and ethical issues involved in exploiting computer and be guided by appropriate professional, ethical and legal practices
- Work as a development team member, recognising the different roles within a team and different ways of organising teams
- Operate computing equipment, taking account of its logical and physical properties
- Deploy information retrieval skills (including using browsers, search engines and catalogues)
- Exercise numeracy skills and use effectively general IT facilities
- Manage personal development including using time management and organisational skills

Information compiled by HEAUK

You may also have developed a wide range of technical/specific course related skills

## Types of employers/industry sectors

A Business Computing degree prepares you for a career/s stretching across many sectors and industries. Career options are varied. Decide on the area you want to work in and try to get relevant work experience in the form of a structured work placement, part-time job, voluntary work or work shadowing. Some courses include a placement in industry. Use this time to develop your skills further and to establish contacts within the industry.

Common employers are IT consultancies and IT service providers. However, as most businesses rely on computers to function effectively, there are also opportunities within the IT departments of major organisations in the telecommunications, aerospace and defence, financial services, retail, healthcare, manufacturing, agricultural, public and third sectors.

Small to medium-sized enterprises (SMEs) have a range of computing opportunities, too.

It is also possible to set up your own business providing IT services such as web design and consultancy.

Business Computing is a course of study that covers both business studies and computing from a commercial or business perspective, that opens up a wide range of career opportunities in either IT or general management (see our Business and Management resource for more detail on the management side of things) as well as in a wide range of specialist software development roles.

Here are some examples of employing organisations who may value either the subject knowledge or skills Business Computing graduates have to offer:

- industrial & commercial organisations
- the finance sector
- the public sector: government & local authorities
- major recruiters offering graduate training schemes
- small businesses
- self-employment may also provide an opportunity for graduates

Find information on employers in business, consulting and management, accountancy, banking and finance, recruitment and HR and other job sectors.

For sector information see:

- [www.gradireland.com](http://www.gradireland.com)
- [www.careersportal.ie](http://www.careersportal.ie)
- [www.prospects.ac.uk](http://www.prospects.ac.uk)
- [www.targetjobs.co.uk](http://www.targetjobs.co.uk)

## Career options with your course

Some of main occupations secured by Business Computing graduates include:

### Technical

- Application Developer/Engineer
- Graduate Developer
- Web Developer
- Software Developer/Engineer
- Android Developer
- IOS Software Developer
- Android Developer
- Support Analyst

### Technical/Business

- IT Manager
- IT Consultant/IT Associate
- Information Systems Consultant
- Chief Information Officer
- IT Analyst
- IT Architect
- IT Administrator

### Business Roles

- Business Process Analyst/Manager
- Business Development Manager
- Administrator
- Assistant Risk Consultant
- Graduate Accountant
- Accounts & Project Manager
- Trainee Accountant
- Quality Assurance

### Other

- Teaching
- Own Business

For occupational information see

[www.gradireland.com](http://www.gradireland.com)

[www.careersportal.ie](http://www.careersportal.ie)

[www.prospects.ac.uk](http://www.prospects.ac.uk)

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## Employers who have recruited in your area

Some of the companies who have recruited Business Computing graduates:

- Equifa
- Fineos
- Guidewire
- H and K International
- Suquehanna
- Taxworld
- TravelPort
- SAP
- Intercom
- Buy4Now
- Input Technologies
- I Planet
- Irish equine Centre
- Bank of Ireland
- Workday
- Precision software
- Enterprise Registry Solution
- Eastern data Group
- Mobile travel tech
- Zen Desk
- I.B.M
- Mobile travel Technology
- Fieldware
- Fireye
- EShopWorld
- BT
- Daft.ie
- Best ever Me
- Version 1
- MCO

## Job Hunting

It is important that you access both the advertised and hidden jobs market and use any and every means available to you to job hunt effectively.

### Advertised Jobs

Most University and IT Careers Services have jobs listings on their websites:

[www.tudublin.ie/jobscene](http://www.tudublin.ie/jobscene)

Graduate programmes and immediate vacancies

[www.prospects.ac.uk](http://www.prospects.ac.uk) & [www.targetjobs.co.uk](http://www.targetjobs.co.uk)

Graduate jobs UK

[www.gradireland.com](http://www.gradireland.com)

Immediate jobs/Summer/Graduate programmes

[www.mondotimes.com](http://www.mondotimes.com)

Local and national press

[www.publicjobs.ie](http://www.publicjobs.ie)

[www.localgovernmentjobs.ie](http://www.localgovernmentjobs.ie)

Public service

[www.irishjobs.ie/agencies](http://www.irishjobs.ie/agencies)

Complete list of recruitment agencies/online recruitment sites

Company Websites - Immediate vacancies and Internships

[www.indeed.ie](http://www.indeed.ie) – Ireland (various job boards)

Teaching jobs: [educationcareers.ie](http://educationcareers.ie), [educationposts.ie](http://educationposts.ie), research opps: [euraxess.ie](http://euraxess.ie), [heanet.ie](http://heanet.ie), [jobs.ac.uk](http://jobs.ac.uk), VEC: [ivea.ie](http://ivea.ie), [education.ie](http://education.ie), (English Language Assistant scheme – 5 countries (Austria, France, Germany, Italy, Spain))

### Other

- Careers fairs – Gradireland Fair – Autumn and Summer Fair, plus many others.
- Notice boards/Student email account/Lecturers
- Company Presentations
- Specialist Magazines e.g. Technology Ireland, Irish Software Association newsletter, Enterprise Ireland, Engineers Ireland, etc.

[www.activelink.ie](http://www.activelink.ie)

Voluntary Sector/Charity/NGO vacancies in voluntary sector

[www.volunteeringireland.com](http://www.volunteeringireland.com)

[www.dochas.ie](http://www.dochas.ie)

Association of non-governmental development organisations

[www.comhlahm.org](http://www.comhlahm.org)

Volunteering opportunities

[www.wheel.ie/directory](http://www.wheel.ie/directory)

Directory of voluntary and community organisations

### Financial/Banking careers:

[efinancialcareers.com](http://efinancialcareers.com) or [ie](http://ie) (students section), [jobs.ie/careers-register](http://jobs.ie/careers-register), Finance booklet on [gradireland.com](http://gradireland.com), Financial skills partnership website,, IFSC (the panel), The Vault.com (day in the life), Grad programmes, e.g. Merrill Lynch, State Street. The big 4 opportunities/internships – PWC, KPMG, Deloitte, EY), Linked-in – accounting internships, Chartered Accountants Ireland-students section –(training contracts/companies advertising opportunities), [targetjobs.co.uk](http://targetjobs.co.uk), [Prospects.ac.uk](http://Prospects.ac.uk)

### Entrepreneurship

- Freelancing/Work experience/Self-employment/Start-Up
- <http://www.dit.ie/careers/studentsgraduates/interestedinselfemployment/>
- TU Dublin Hothouse - [www.dit.ie/hothouse/](http://www.dit.ie/hothouse/)
- Local Enterprise Office - [www.localenterprise.ie](http://www.localenterprise.ie)
- The Digital Hub - [www.thedigitalhub.com](http://www.thedigitalhub.com)

### Start Ups:

- Start-up companies – [www.startupdublin.com](http://www.startupdublin.com), [dublinstartupjobs.com](http://dublinstartupjobs.com)
- FDI and indigenous – [www.makeitnireland.com](http://www.makeitnireland.com), [www.itshappeninghere.ie](http://www.itshappeninghere.ie)
- <https://angel.co/> - start up jobs worldwide

## Unadvertised Jobs

### Networking

- Job Shadow/Informational Interviewing/work experience
- Networking – who is in your network?
- Professional Bodies,
- Social networking sites (facebook, twitter, LinkedIn, Facebook, Fashion Blogs, discussion boards)
- Attend events, conferences, short courses, trade shows (e.g. professional bodies, businessandleadership.com (events), National Digital Conference, Dublin, Digital Learning Festival – May, Cross industry events, i.e. TechBrew/ISIN events/Dublin start-up Commissioner, Dublin Unity User group, Engineers week, etc.
- Meet up groups, e.g. - 'Tech for Good - Dublin',
- Forums – <http://www.techrepublic.com/forums/>, [digitalmediaforum.net](http://digitalmediaforum.net), [forums.frontier.co.uk](http://forums.frontier.co.uk), Irish Games facebook page, Irish Computer Society forum, [technology-ireland.ie](http://technology-ireland.ie) forum, etc.
- [Businessandleadership.com](http://Businessandleadership.com) (events)
- Get in touch with guest speakers
- Thesis / College projects/Placement/Site visits/guest speakers
- TU Dublin Societies
- First Destination Reports
- Join Alumni Association/Linked-in TU Dublin Alumni group
- Examples of Linked-in discussion groups – Computer and Software professionals, Research Methods for software engineering and computer science, Electrical/Electronics and Computer Development, etc.

### Contact companies directly

- Speculative applications + cold calling. Think about your offering
- Contact organisation with ideas (ways to reduce costs, make them more money, speed up R+D, Your Unique Selling Point)
- Utilise directories – [Kompass.com](http://Kompass.com), [IDA](http://IDA), professional bodies, golden pages, Irish Software Association, Irish Software Innovation network, [www.techireland.org](http://www.techireland.org) – list of tech companies, <http://www.thedigitalhub.com/companydirectory>

### Track companies

- Check out Labour Market trends, [ilo.org](http://ilo.org) (Intl Labour Organisation, [www.careersportal.ie](http://www.careersportal.ie), [IDA](http://IDA), [IBEC](http://IBEC))
- Search newspaper business pages on-line to get success stories on businesses as they are growing – TU Dublin Careers website (labour market news)
- Industry award recipients
- Best Workplaces in Ireland (download on [gradireland.com](http://gradireland.com))
- Follow target companies on facebook, linked-in, twitter
- Think of small companies not just big brands

### Other proactive ideas

- Enter competitions / scholarships
- Consider alternative/related roles
- Think of small companies/brands not just big names

For more information on how to go about finding a job and job-hunting sites, [See www.tudublin.ie/careers](http://www.tudublin.ie/careers)

## Interviews

For more information on how to perform in interviews, [See www.tudublin.ie/careers](http://www.tudublin.ie/careers)

## CVs/Cover letters and applications

For information on how to put together a great CV/Cover Letter or Application, [See www.tudublin.ie/careers](http://www.tudublin.ie/careers)

## Useful links (e.g. Company Databases, Professional Bodies, LinkedIn Groups)

This list contains links to some of the most useful websites for your course including professional bodies and associations, employer directories, information sources and LinkedIn groups.

### General websites — useful links

- [www.iei.ie](http://www.iei.ie) - Institute of Engineers in Ireland – CV posting
- [www.iaa.ie](http://www.iaa.ie) - Irish Internet Association
- [www.ics.ie](http://www.ics.ie) - Irish Computer Society
- [www.ictireland.ie](http://www.ictireland.ie) – ICT Ireland
- [www.bcs.org](http://www.bcs.org) - Chartered Institute for IT (British)
- [www.iet.org.uk](http://www.iet.org.uk) The Institution of Engineering and Technology
- [www.i-cando.ie/](http://www.i-cando.ie/) - Global Digital Skills Foundation
- [www.cipd.ie](http://www.cipd.ie) – HR and People Development
- [www.cilt.ie](http://www.cilt.ie) – Institute of Logistics and Transport
- [www.ipics.ie](http://www.ipics.ie) – Supply Chain Management Institute
- [www.charteredaccountants.ie](http://www.charteredaccountants.ie) – Chartered Accountants Ireland
- [www.cpaireland.ie](http://www.cpaireland.ie) – Certified Public Accountants Ireland
- [www.cimaglobal.com](http://www.cimaglobal.com) – Chartered Institute of Management Accountants
- [www.imi.ie](http://www.imi.ie) – Irish Management Institute
- [www.accaglobal.com](http://www.accaglobal.com) – Association of Chartered Certified Accountants
- <http://leetcode.com> – Technical Interview website

## Careers open to all disciplines (Including 'Paths Into...' Series)

Many graduate vacancies don't require specific degree subjects as possession of a degree is taken as evidence of intellectual ability. What is more important to the potential employer is the range of transferable skills and experience you can demonstrate.

Many graduate training programmes take final year students from a wide range of disciplines, register with the [Career Development Centre's Jobsence](#) for a full list of programmes. Here is a range of career areas that are potentially open to graduates of all disciplines. It's important to note that some of these options may require further study either on the job or beforehand.

If you are considering diversifying or changing career direction a postgraduate conversion course may be a viable option.

Some examples of career areas open to students of all disciplines:

- Teaching & Education
- Financial Services & Accounting
- Marketing, Advertising and PR
- Retail, Sales and Customer Service
- Banking, insurance and financial services
- Charities and voluntary sector
- Fund management / administration and investment banking
- Human resources, recruitment and training
- Management consulting
- Management, business and administration
- Media and publishing
- Public sector and civil service
- Social, community and youth

For further information see: [www.gradireland.com/career-sectors](http://www.gradireland.com/career-sectors)

## Further Study

Are you considering further study or training? See [www.tudublin.ie/careers](http://www.tudublin.ie/careers) for comprehensive information

Some examples of further study programmes undertaken by Business Computing graduates:

- MSc Computer Science, TCD, TU Dublin
- Masters in Finance – Smurfit Business School
- Masters of Science Technology and Innovation Management – TU Dublin
- PhD – TU Dublin

### Conversion courses

Some graduates find that their primary degree did not meet their expectations, either vocationally, academically or personally, and seek change career direction. Conversion courses offer the opportunity to diversify into another chosen career area while meeting the necessary entry requirements for that discipline. However, it should be noted that this is not the case for all disciplines e.g. disciplines such as science and engineering will require an undergraduate degree in that discipline.

## Self Employment

Ever thought of being your own boss? Think you have an innovative product or service idea that could have commercial value? Want to commercialise your research? See [www.tudublin.ie/careers](http://www.tudublin.ie/careers)

## Other Options (e.g. Time out, travel etc.)

Volunteering and working with communities with is a great way to gain valuable real world experience, to develop new skills, to meet new people, to do something worthwhile and to improve your employability. For more details, see [www.tudublin.ie/careers](http://www.tudublin.ie/careers).

## Labour Market Information

For information on the latest labour market trends see [www.tudublin.ie/careers](http://www.tudublin.ie/careers).

## Additional Information / Advice

For any query you might have, please do not hesitate to get in touch

Disclaimer: TU Dublin Career Development Centre offers advice in good faith on the basis of the best information available.  
The Centre accepts no responsibility for decisions made by individuals based on such advice.