

JEMMA BAIN

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EDUCATION

University of Aberdeen

2012 – 2017

MSci Computing Science with Industrial Placement, 2.1 Expected

Degree topics include: artificial intelligence, web technology and web application development, adaptive interactive systems, robotics, operating systems and software engineering along with a yearlong industrial placement.

Dissertation: “Automatic creation of simple graphical user interfaces (GUIs) for mobile devices”. The aim of the project was to create automatically generated GUIs which would prompt staff with regards to their daily work schedule using peer-to-peer technologies for workflow solutions.

Inverness Royal Academy, Inverness

2006 – 2012

Advanced Highers: Business Management (B), Maths (B)

Highers: Computing Studies (A), Maths (A), English (B), Business Management (B), Physics (B), Music (B)

RELEVANT WORK EXPERIENCE

Industrial Placement, CSE Control

Sept 2015 – Aug 2016

- Worked in a team with Senior Engineers to review and clarify client requirements.
- Communicated with clients and provided product support for PI Systems.
- Ensured the support and maintenance of PI Systems on client sites across Aberdeen.
- Gained knowledge and experience of programming using VBA and .NET.
- Delivered a presentation to Level 3 and 4 students at the University on my Industrial Placement.
- Prepared a report on my industrial placement and responded to questions on this experience within a viva.

Summer Placement, ePlacement Scotland, Wolfson Electronics

Summer 2014

- Worked within the research and development team on human-to-machine speech processing.
- Tested and tuned a range of audio processing technologies to identify improvements to speech recognition accuracy.
- Created product demonstrations to demonstrate project insights and developments.
- Prepared and delivered a presentation on the project to the senior management team.
- Represented the company at University campus events including fairs and talks.

TECHNICAL SKILLS

Object orientated programming: I have gained a good understanding of the principles and am competent in Java through my studies and projects to design programmes.

Web applications and development: I have designed several websites and online applications, utilising technologies such as MYSQL, PHP, XHTML, CSS, Javascript and XML during my degree studies.

Software design, development and testing: Many of my courses involved project work where I designed and developed an application. This enhanced my skills and knowledge of the software design process, including the various methods of design and testing available. During my industrial placement and summer placement I gained confidence in; Java, SQL, ASP.Net, VBA and C.

FURTHER SKILLS

Communication: My industrial placement enhanced my experience of communicating complex ideas and technologies to those with minimal technical knowledge. I have also written reports, both for my coursework and on placement, and delivered presentations to staff and my peers.

Teamwork: The ability to work effectively as part of a team was enhanced in my role at Curry's. This was essential to ensure the smooth running of the store. This has further been enhanced through group projects as part of my degree.

Business Awareness: During my industrial placement I saw at first hand the impact of technology on the operation of a business, the effect it can have on employees and the business as a whole.

Organisation: Excellent organisation skills have been demonstrated through my involvement in a sponsored walk to China with Barnardo's. This has involved co-ordinating training for myself and other participants as well as managing travel plans.

ADDITIONAL WORK EXPERIENCE

Sales Assistant, Curry's, Aberdeen Part-time term-time, Full-time vacations 2013 - 2015

- Frequently communicated with customers, processing sales and placing orders.
- Worked in a team to meet promotional sales targets. Key member of the top team within the store.
- Assisted in the training of new staff with senior team members due to my experience within the role.
- Effectively communicated a wide variety of finance and credit agreement options with customers, taking into account their personal needs.
- Worked effectively under pressure during peak sale periods and promotions.
- Ensured my product knowledge was up-to-date to answer customer's product enquiries.

Waitress, Drumossie Hotel, Inverness Summers 2008 – 2013

- Communicated with customers and processed food and drinks orders.
- Managed the responsibility of up to ten tables and ensured orders were processed efficiently and in a timely manner.
- Worked in a team to ensure the smooth running of the restaurant - this was essential during large functions and events.
- Ensured bar stock was replenished and the restaurant was clean and tidy at all times.

INTERESTS & ACHIEVEMENTS

Walking and the outdoors: I enjoy getting outdoors and going on camping trips with my friends. I am a keen walker and have climbed several Munros in my spare time. Later this year I am undertaking a sponsored walk along the Great Wall of China in aid of the children's charity, Barnardo's. This involves training to ensure I'm at peak fitness, fundraising for the charity and co-ordinating travel plans.

Career Mentoring Programme: This year I have been involved in the Universities Career Mentoring programme. Matched with an Alumni Mentor working in the IT profession I have used this as an opportunity to gain their insight into careers and opportunities in the sector.

Photography: I am an enthusiastic landscape photographer and enjoy taking photos of the places that I visit. I also enjoy working in the 'digital darkroom' with the pictures I have taken.

REFERENCES

Available upon request