

RHYS HOWARD

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PROFILE

I am an enthusiastic Software Engineering Student about to finish my 4th year at Aberystwyth university with a 2:1, and am currently seeking employment for when I shortly graduate. I have vast programming experience; including 2 years' professional web development experience (HTML5 /CSS3 /JS/ Python), working in a fast-paced environment where I was constantly required to be adaptable due to the agile methodology used within my development team.

As well as this, I have 4 years' experience with both Object-Oriented experience in languages such as Python, C++, Java & ruby, as well as web development in a range of languages and libraries including; HTML, CSS, JS, JQuery, PHP & NGINX, using database technologies such as SQL & MongoDB. I worked with all 3 major operating systems, have vast experience with Linux & Windows, and a few projects on OSx.

Due to having visited over 30 countries in 5 continents, and having lived in 3 of those continents, I feel I'm a very culturally diverse person and have confidence talking to new people, and making an effort to fit into new groups.

EDUCATION

Bachelor of Engineering (Honours) – Software Engineering

Aberystwyth University, Wales, graduate 2017, expected 2:1

Key Modules Major Project (Developing Chrome Application for Online Collaboration Software Security organisation), Advanced Computer Graphics, Developing Internet-Based Applications, Machine Learning, Client-Side Graphics Programming for the web, C and Unix Programming, C++, C and Java Programming Paradigms, Web Programming, Advanced Mathematics for Computer Science, User Centered Design and Human Computer Interaction, Software Development

A-levels

Jerudong International School, Brunei Darussalam, graduated 2013

Information & Communications Technology (B), Design & Technology (B), Business Studies (D)

12 GCSE's including Maths, English, and ICT (One A, Two A's, Nine B's)*

EXPERIENCE

Software Developer

Jul 2015 – Present

Egress Software Technologies, Electric Works, Sheffield

Developing an online collaboration web app, using end-to-end encryption to keep users' data secure, allowing them to work together on projects with a real-time document editor. This project is Python-based, using MongoDB and various web technologies (HTML5, CSS3 & JS), as well as JavaScript libraries such as JQuery. I worked on development of new features, implementing bug fixes as well as design and development of the RESTful API.

Customer Service Relations

Sep 2014 – Jun '15

Domino's Pizza, Aberystwyth, Ceredigion, Wales

Provider of Excellent Customer service, involved in employee training; the experience helped improve my people skills and Customer Management skills greatly.

Assistant to the manager

Summer 2010 & '11

DISUK Software Security, Silverstone, Towcester, Northamptonshire

Assembled encryption/ decryption units for sale, helped locate faults in units' firmware, assembled a £10,000 unit to be sold as a part of the Eurofighter typhoon simulator.

PERSONAL SKILLS

Leadership, Teamwork, Public Speaking, Attention to Detail

- *I led my Duke of Edinburgh Gold Expedition team of 8. I kept them motivated, allowing us to successfully complete the challenging experience.*
- *Worked with a team of friends to win the Toyota Technology Challenge National Competition.*
- *My team and I gave a presentation to the panel of judges for the Toyota Technology Challenge.*
- *Daily 'Stand-up' meetings at Egress allowed the team to interact, and discuss any issues we were facing to better overcome them together.*
- *As Quality Assurance Manager for my University Group Project required high attention-to-detail to find inconsistencies in style and standards across many documents, and pieces of work.*

AWARDS

Duke of Edinburgh Gold International Award

I headlined the expedition of my team of 8 through the vast ranges of the Himalayan "Spiti Valley" struggling with altitude sickness, to reach a peak of 16,000ft with my peers. We then spent two weeks on the assembly of solar heated and powered shower for the local Buddhist temple. This experience was life changing, and has greatly improved my team-working and leadership skills.

Toyota Technology Challenge (2007)

In this school competition, my friends and I researched, designed and manufactured a solar powered model vehicle which then competed in races against vehicles from over 600 teams from the United Kingdom. After a successful presentation to an esteemed panel of judges, we were awarded the National Champions Trophy.

EXTRACURRICULAR ACTIVITIES

Elected Social Secretary, Ultimate Frisbee Society, Aberystwyth University

I am an active member of the Aberystwyth University Ultimate Frisbee Society, taking part in training twice a week. I have participated in competitive matches against other universities from around the UK. As Social Secretary, I organise all group events, social gatherings and seasonal meals.

The Scout Association, Braunstone, Leicester

As a helper, and part-time leader; I assist the group with the running of activities and games, as well as helping organise and manage the young people on Camps.

INTERESTS

Piano – Been playing 10 years, achieved Grade 4

Rock-Climbing – I participate weekly for over 5 years and am planning to go full-face climbing in Switzerland soon.

Football - I enjoy to play with friends, and was a part of my local football team for 8 months.

Problem-solving - I enjoy solving any problem, whether it be programming or recreational. I can quickly solve the Rubik's cube.

Development – I enjoy practising with new languages and technologies whenever I can. I take online courses and challenges to constantly expand my knowledge.

REFERENCES

Damian Casale - Line Manager at Egress Software Technologies - damian.casale@gmail.com – 07835494174

Mark Preece - IT manager & lecturer - preececmk@jjs.edu.bn

Paul Howard – CEO of DISUK – ph@disuk.com