CHRISTOPHER DAVID BARKER

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https://github.com/barkerchris

PROFILE

I am a third-year Computer Science student looking for a full-time graduate role. I am eager to use my initiative and jump into the workplace. Having loved working in a group for my Software Engineering module, I want to bring my communication and social skills to a team and begin applying myself to real-world projects. I have particularly enjoyed my Cryptography and IT-Security module this term.

EDUCATION

Swansea University   *September 2018 - Present*

Third Year   Ongoing

Project and Dissertation (Creating an intentionally insecure Android app using OWASP Top 10 Vulnerabilities to educate novice developers), Mobile Apps (Kotlin), Cryptography and IT-Security, Web Apps (Laravel), Embedded System Design, Modelling and Verification Techniques, Advanced OOP (C, C++)

Second Year   71%

Declarative Programming (Haskell), Software Engineering (Git), Database Systems (SQL), Algorithms, Concurrency, Computer Graphics, Human-Computer Interaction, Automata and Formal Language Theory

First Year   *74%*

Programming 1 & 2 (Java), Concepts of Computer Science 1 & 2 Modelling Computing Systems 1 & 2, Computers and Society, Software Development

Havant College   *September 2016 - July 2018*

EPQ   *A*

"Digital Darwinism: What are the contributing factors behind the evolution of computer programming languages?"

Computer Science, Maths, Physics   *C*

Horndean Technology College   *September 2011 - July 2016*

Computer Science, Maths, Further Maths, Physics, Chemistry, Biology   *A*

English Language, English Literature, History, German   *B*

RELEVANT WORK EXPERIENCE

IBM   *June 2015 - June 2015*

As part of my 2 weeks summer work experience I shadowed in IBM to gain an insight into corporate life. Quickly slotting into the team, I began my role of managing and updating spreadsheets crosschecked with a variety of databases. During this work experience I also presented to my Line Manager which tested, and improved, my presentation skills. Having to join an established team was daunting at first but I quickly overcame any fear. I saw this experience as a communication and confidence builder within the workplace. Maintaining organisational diligence was also key.

OTHER WORK EXPERIENCE

Tesco   *November 2016 - February 2018*

Working as a Retail Assistant I had to replenish stock and assist customers in any way possible. Working as part of a small team required clear, concise communication to efficiently work through large deliveries together under time pressure. I had to be available, approachable, and friendly to successfully assist customers with their queries.

CML Electronics   *2013 - 2016*

Working part time for my father's electronics company as an Assembly Operator introduced me to a valuable, practical experience. Specialising in electronics based on microcontrollers, I assembled, tested, and packaged PCBs with their associated components all while following strict procedures to ensure the quality of the product.

ACCOMPLISHMENTS

Duke of Edinburgh Bronze Award   *December 2016*

Hiking around the New Forest for a weekend demanded both perseverance and discipline. Spending time as the group leader involved motivating the group and acting as chief navigator. I loved being part of a team and working together to achieve a mutual goal.

3 Star Sea Kayaking Certificate   *September 2016*

Needing to be able to take charge of a given situation was in equal parts as important as being able to listen to and follow the lead of someone for this award. During my assessment we faced adverse weather conditions, requiring grit and focus to safely complete the assessment.

Gold Chief Scout Award   *2015*

Scouting Young Leader Module A Award   *November 2015*

Full UK Driving Licence   *December 2017*

INTERESTS AND ADDITIONAL INFORMATION

Aside from keeping up with general tech news through sites such as The Register, I enjoy climbing (Swansea University Mountaineering Club Member), mountain biking and hiking.

REFERENCES AVAILABLE ON REQUEST