Christopher **Barker**

SOFTWARE ENGINEER

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Summary

Current Technology Specialist at IBM CIC. Recent graduate with an interest for learning new technologies and a passion for making measurable impact. Loves meeting new people and solving problems in a team or as an individual.

Education

Swansea University   *Swansea, United Kingdom*
BSc IN COMPUTER SCIENCE   *Sep. 2018 - Jul. 2021*

- First-Class Honours
- Project: Damn Vulnerable Mobile App
- Advanced OOP (C, C++), Cryptography and IT-Security, Embedded System Design, Mobile Apps (Kotlin), Modelling and Verification Techniques, Web Apps (Laravel, Vue.JS)

Work Experience

IBM   *Leicester, United Kingdom*
ASSOCIATE TECHNOLOGY SPECIALIST   *Aug. 2021 - PRESENT*

- Once my induction and training phase is over I will:
- Design, develop and test new, modern cloud-native applications or support legacy applications, with code management, troubleshooting and tuning.
- Translate software requirements into working and maintainable solutions within new or existing application frameworks, working closely with clients and other IBM teams.
- Maintain and improve code quality, enabling reusability and automation of services – from applications through to cloud infrastructure.
- Create Application Programming Interfaces (APIs) to support communication between systems, using API gateways and event services.
- Automate testing and supporting Continuous Integration and Development pipelines, including implementing security operations tooling.

Skills

Programming	Java, Kotlin, C/C++, VueJS, Laravel
Business	Communication, Teamwork, Time management
Personal	Problem-solving, Adaptability, Can-Do attitude

Previous Activities

Tesco   *Hampshire, United Kingdom*
RETAIL ASSISTANT   *Nov. 2016 - Feb. 2018*

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   *Hampshire, United Kingdom*
ASSEMBLY OPERATOR   *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.

3 Star Sea Kayaking Certificate
TEAM MEMBER

Being able to take charge of a given situation and lead the team forward was just as valuable as being a good listener and team player. During the assessment we faced adverse weather conditions, requiring perseverance and focus to make it home safely.

Duke of Edinburgh Bronze Award
TEAM MEMBER

Hiking in the New Forest for a weekend demanded both teamwork and discipline. Spending time as the group leader involved motivating the group while acting as head navigator. Working together to achieve a mutual goal was both fun and rewarding.