Marshall Bradley

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EDUCATION

UNIVERSITY OF EDINBURGH
July 2016 | Edinburgh, UK
First-class BSc (Hons) Computer Science

WESTMINSTER SCHOOL
July 2012 | London, UK
4 A-levels: A*-A
11 GCSEs: A*-A

LINKS

Github:// **marshallb93**
LinkedIn:// **marshallbradley93**
Facebook:// **marshallbradley93**

COURSES

UNDERGRADUATE
Parallel Architectures – 93%
Computer Architecture – 93%
Extreme Comp. (Hadoop) – 92%
Computer Security – 90%
Object-Oriented Prog. (Java) – 91%
Functional Prog. (Haskell) - 87%

SKILLS

PROGRAMMING

Over 5000 lines:
Java • Python • C++ • Shell
JavaScript • Markdown • LaTeX

Over 1000 lines:
Maven • Scala • JSON
CSS • PHP • Haskell • Mockito

Familiar:
Gradle • Ant • Perl • Assembly

TOOLS

Daily:
ssh • git • Docker • JIRA • Trello
Selenium • Slack • IntelliJ Suite

Often:
vim • nmap • Microsoft Office
Confluence • Sonar • Mercurial

Familiar:
gdb • ftp • Adobe Suite

SYSTEMS
Mac OS • Linux Debian/Kali • Windows
Jenkins • Bamboo • Grafana • Splunk

EXPERIENCE

HOTELS.COM | Software Engineer
September 2017 – Current | London, UK

- Worked as a back-end developer for both QA Automation and Security teams
- Implemented a Slack-bot from scratch to automate testing and security related tasks, now in active usage by multiple teams across the business
- Maintained and contributed to an existing framework built on top of Selenium, Spring Boot and Mockito, used to automate end to end testing
- Became fluent at working in an Agile development environment, using a Kanban methodology, pair-programming, quarterly retrospectives and CI
- Responsible for security engagement within the business, to ensure that developers were aware of key security concepts and best practices

BLACKSMITHS GROUP | Security Engineer (Contractor)
September 2016 – August 2017 | London, UK

- Completed a variety of projects across security related areas of business
- Worked largely independently to deliver results consistently on tight deadlines
- Developed tooling for both internal and external use, built on top of Angular JS, Electron and MongoDB
- Produced interactive training material targeted at a spectrum of different levels, teaching key security concepts, as well as both offensive and defensive security techniques

CORERO NETWORK SECURITY | Software Engineering Intern
June 2016 – August 2016 | Edinburgh, UK

- Developed new features for Corero's main product, SmartWall, which provides in-line DDoS protection
- Provided unit-testing through PowerMockito, aiming for 100% coverage, whilst documenting my work with Javadoc
- Participated in an active SCRUM, including morning stand-up, regular code-reviews and 3-week sprints
- Improved workplace interpersonal skills while working effectively on a driven development team comprised of 6 core members

UNIVERSITY OF WASHINGTON | Software Engineering Intern
June 2015 – August 2015 | Seattle, USA

- Developed and tested software across ODK's suite of Android apps
- Worked to port the build-script from Ant to Gradle as well as migrating the project from Google Code to GitHub
- Integrated a UI testing framework, identifying the best technology (UI Automator), implementing it across separate projects and writing the necessary automation scripts
- Implemented a dependency checker, ensuring that prerequisite apps had been installed on a device, displaying a useful error message if not

ADDITIONAL INFORMATION

- Placed 1st in the BT portion of the Scottish Uni. Cyber Challenge (2nd overall)
- Placed 2nd in the Deloitte Cyber Threat Competition
- Dual UK/US citizenship
- Full, clean driving license