

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 10,000 lines:
Java • Python • C++ • Shell
JavaScript • Markdown • \LaTeX

Over 2,000 lines:
Maven • Scala • JSON
CSS • PHP • Haskell • Mockito

Familiar:
Gradle • Ant • Perl • Assembly

TOOLS

Daily:
ssh • git • Docker • JIRA • Trello
O365 • Slack • IntelliJ Suite

Often:
vim • nmap • Selenium
Confluence • Sonar • Mercurial

Familiar:
gdb • ftp • Adobe Suite

SYSTEMS

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

EXPERIENCE

BLACKSMITHS GROUP | R&D ENGINEER

September 2018 – Current | London, UK

- Lead developer for a number of R&D projects, working throughout the product life-cycle, from Requirements Capture through to Deployment
- Fully implemented a number of technical PoCs in the Security field, such as an Android app (Kotlin/Java) and a back-end server (Python/MongoDB)
- Instrumental in designing and delivering a number of Cyber Security focused training packages, forming part of the Company's core business
- Became extremely self-motivated due to the often remote nature of the work; able to deliver results with a very high level of autonomy

EXPEDIA | SECURITY ENGINEER

September 2017 – August 2018 | 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

- Contributed heavily to 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

CORERO NETWORK SECURITY | SOFTWARE ENGINEERING INTERN

June 2016 – August 2016 | Edinburgh, UK

- Developed new features for Corero's product which provides DDoS protection
- Implemented unit-testing through PowerMockito, aiming for 100% coverage
- Participated in an active SCRUM, including morning stand-up, regular code-reviews and 3-week sprints

UNIVERSITY OF WASHINGTON | SOFTWARE ENGINEERING INTERN

June 2015 – August 2015 | Seattle, USA

- Developed and tested software across ODK's suite of Android apps
- Integrated a UI testing framework, identifying the best technology (UI Automator), implementing it across separate projects and writing the necessary automation scripts

ADDITIONAL INFORMATION

- Current UK Government Security Clearance (SC)
- Placed 1st in the BT portion of the 2016 Scottish Uni. Cyber Challenge
- Placed 2nd in the 2016 Deloitte Cyber Threat Competition
- Dual UK/US citizenship