

Blaine Malone

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EDUCATION

Queen's University Belfast

BSc Computer Science – First Class Honours
Dissertation – Evaluation of Migrating to Decentralised Applications using Blockchain Technology

Sep. 2013 – Jun. 2017
Belfast, NI

St. Paul's High School Bessbrook

A-Levels Chemistry, Biology, ICT – A, A, A
Top result in A-Level Chemistry & outstanding academic excellence award.

Sep. 2006 – Jun. 2013
Armagh, IRE

EXPERIENCE

Deloitte Digital | Software Engineer

Aug. 2015 – Sep. 2016
London, UK / Glasgow, UK /
Belfast NI

Developer working with client National Australia Bank, developed an intelligent banking application called 'B' with Approx. 100,000 downloads. Mainly involved with micro-service development in API Gateway. Passed British Computing Society certification examinations. Investigated new use cases of blockchain technology in Deloitte Digital's 'Innovation Laboratory'. Named core developer for SmartIdentity. A working prototype owned by DDigital. <http://deloitte.co.uk/smartid/>

QUB | Lab Demonstrator / Tutor

Employed by Computer Science Dept.
Mentored/Tutored 1st and 2nd years Computer Science students.
Paid employment, only top achieving students are eligible to apply.

Sep. 2016 – Jun. 2017
Belfast, NI

Rakuten Blockchain Lab | Student

In an affiliation with Queen's University, Rakuten Blockchain Lab were interested in students embarking on dissertation projects in Bitcoin and/or other cryptocurrencies.

Sep. 2016 – Jun. 2017

Trustology | Software Engineer

At Trustology, we're building a platform for securing digital assets. Together we share a passion for innovation, engineering and security, combined with a belief that we are changing how the world thinks about digital asset custody. Platform engineer responsible for crafting thoughtful, elegant software that is highly maintainable.

Jan. 2018 – Present

PROJECTS

GitHub: github.com/blmalone **StackOverflow:** [goo.gl/RR1YGr](https://stackoverflow.com/users/1025920/blaine-malone)

Hosting a Public Web Server from Home

Aug. 2017 – more info at blainemalone.com/blogs

Bitcoin & Cryptocurrency Technologies

Sep. 2017 – Course by Princeton University enlisted on Coursera.com. Code on GitHub.

Cryptography – Symmetric and Asymmetric

Implemented RSA & S-DES algorithms in Java. Code on GitHub.

Personal website

Initially hosted website from Raspberry Pi. Now hosted on Amazon Web Services. Code on GitHub.

Multiprocessor Programming

Concurrent data structures of varying efficiency implemented in Java. Code on GitHub.

Academic verification service – Ethereum

Fixed defects for Ethereumj code base while developing a decentralised app for verifying legitimacy of a candidates CV. Code on GitHub.

SKILLS

Experience

Java, JavaScript/TS, C, Solidity, HTML/CSS, SQL, GoLang, Algorithms, Concurrent Programs, PROLOG, Bitcoin/Ethereum (Top 10% StackExchange - reaching ~50k people)

Frameworks/Libraries/Other

Spring, Docker, Git, Android, AWS, Microservices, Gradle, React/Redux, NodeJS.

Software Engineer with a keen interest in technology and how things work. I enjoy learning new things to help solve problems in different ways. I would like to make a lasting, positive impact in society. Recently moved to London from Ireland, where I'm working in an exciting start-up. A typical day would include writing code for production systems, deploying infrastructure and helping design architectural solutions.

PERSONAL

