

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 / Blockchain Developer

Aug. 2015 – Sep. 2016

London, UK / Glasgow, UK / Belfast NI

Developer working with National Australia Bank (NAB). Developed an intelligent banking application called 'B' with Approx. 100,000 downloads. Developed web service to contact prospective graduates about opportunities within Deloitte Digital. 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

Guinness World Record Holder | Participant

Participation in the 'Greatest Distance run by a relay team ever'. We totalled a staggering 3,504.28 miles over the course of 18 days.

Oct. 2014 – Present

PROJECTS

Github: github.com/blmalone **Stackoverflow:** goo.gl/RR1YGr

"Hosting a Public Web Server from Home"

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

"Bitcoin & Cryptocurrency Technologies"

Sep. 2017 – Course by Princeton University offered by Coursera.com

"Cryptography – Symmetric and Asymmetric"

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

"Personal website"

Initially hosted website from Raspberry Pi. Now hosted on AWS.

"Multiprocessor Programming"

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

"Academic verification service – Ethereum"

Helped the core Ethereum Java team by fixing defects in code base while developing decentralised app for verifying legitimacy of a candidates CV.

SKILLS

Experience

Java, Javascript, Solidity, PROLOG, HTML/CSS, SQL, Algorithms, Concurrent Programs, Bitcoin/Ethereum

Frameworks/Libraries/Other

Spring, Docker, Git, Android, MongoDB, Microservices, Gradle, MeteorJS, NodeJS, AngularJS.

PERSONAL

Software Engineer with a keen interest in technology and how things work. I enjoy learning new things to help solve problems in different ways. Entrepreneurship is something that interests me. Whether this be in the form of a new product or a piece of research that evolves into something tangible. I would like to make a lasting, positive impact in society.