Blaine Malone

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**EDUCATION**

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| **Queen’s University Belfast** | ***Sep. 2013 – Jun. 2017*** | |
| **BSc** Computer Science – First Class Honours | *Belfast, NI* | |
| Dissertation – Evaluation of Migrating to Decentralised Applications using Blockchain Technology |  | |
| **St. Paul’s High School Bessbrook** | ***Sep. 2006 – Jun. 2013*** | |
| **A-Levels** Chemistry, Biology, ICT – A, A, A | *Armagh, IRE* | |
| Top result in A-Level Chemistry & outstanding academic excellence award. |  | |
| **EXPERIENCE** |  | |
| **Deloitte Digital | Software Engineer / Blockchain Developer** | ***Aug. 2015 – Sep. 2016*** | |
|  | *London, UK / Glasgow, UK / Belfast NI* | |
| Full stack developer working with National Australia Bank (NAB). Developed an intelligent banking application called ‘B’. Approx. 100,000 downloads and counting. 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 Digitals ‘Innovation Laboratory’. Named core developer for SmartIdentity. A working prototype owned by DDigital. http://deloitte.co.uk/smartid/ | | | |
| **QUB | Lab Demonstrator / Tutor** ***Sep. 2016 – Jun. 2017***  *Employed by Computer Science Dept.* *Belfast, NI* | | |
| Mentored/Tutored 1st and 2nd years Computer Science students. Paid employment, only top achieving students are eligible to apply. | |
| **Rakuten Blockchain Lab | Student** ***Sep. 2016 – Jun. 2017*** | | |
| In an affiliation with Queen’s University, Rakuten Blockchain Lab were interested in students embarking on dissertation projects in bitcoin and/or other cryptocurrencies. | | |
| **Guinness World Record Holder | Participant Athlete** ***Oct. 2014 – Present*** | | |
| 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. | | |
| |  |  | | --- | --- | | **PROJECTS** | *(more at github.com/blmalone)* | | **“Hosting a Public Web Server from Home”** | **“Bitcoin & Cryptocurrency Technologies”** | | *Aug. 2017 – more info at blainmalone.com/blogs* | *Sep. 2017 – Course by Princeton University offered by Coursera.com* | | **“Cryptography – Symmetric and Asymmetric”** | **“Personal website”** | | *Code found on Github. Implemented RSA & S-DES algorithms in Java.* | *Initially hosted website from Raspberry Pi. Now hosted on AWS.* | | **“Multiprocessor Programming”** | **“Academic verification service – Ethereum”** | | *Concurrent data structures of varying efficiency implemented in Java. Code on Github.* | *Helped the core Ethereum Java team by fixing defects in code base while developing decentralised app for verifying legitimacy of a candidates CV.* | | | |
| |  |  | | --- | --- | | **SKILLS** | **PERSONAL** | | **Experienced** | Currently employed by Deloitte Digital as a Software Engineer. A keen interest in technology and how things work. As of late, my attention has been captured by the concepts underpinning cryptocurrencies. One day I'd like to see them playing a more prominent role in everyday society. 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 impact in society. | | Java, C#, Javascript, Solidity, PROLOG, HTML/CSS, SQL, Algorithms, Concurrent Programs, Bitcoin/Ethereum | | **Frameworks/Libraries/Other** | | Spring, AngularJS, Docker, Git, Android, MongoDB, Spring Cloud – Netflix Stack, Gradle, MeteorJS, NodeJS. | | | |
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