# Blaine Malone

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## EDUCATION

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

**"Hosting a Public Web Server from Home"**            **"Bitcoin & Cryptocurrency Technologies"**

                                                      *Sep. 2017 – Course by Princeton University offered by*
  *Aug. 2017 – more info at blainmalone.com/blogs*                            *Coursera.com*

**"Cryptography – Symmetric and Asymmetric"**                          **"Personal website"**
*Code found on Github. Implemented RSA & S-*         *Initially hosted website from Raspberry Pi. Now hosted*
*DES algorithms in Java.*                                                    *on AWS.*

**"Multiprocessor Programming"**                      **"Academic verification service – Ethereum"**
                                                      *Helped the core Ethereum Java team by fixing defects*
*Concurrent data structures of varying efficiency*    *in code base while developing decentralised app for*
*implemented in Java. Code on Github.*                *verifying legitimacy of a candidates CV.*

## SKILLS                                                                  PERSONAL

**Experience**
Java, Javascript, Solidity, PROLOG, HTML/CSS,        Software Engineer with a keen interest in technology and
SQL, Algorithms, Concurrent Programs,                how things work. I enjoy learning new things to help solve
Bitcoin/Ethereum (Top 2% on StackExchange)           problems in different ways. Entrepreneurship is something
**Frameworks/Libraries/Other**                       that interests me. Whether this be in the form of a new
Spring, Docker, Git, Android, MongoDB,               product or a piece of research that evolves into something
Microservices, Gradle, MeteorJS, NodeJS              tangible. I would like to make a lasting, positive impact in
AngularJS.                                           society.