Daniel Moseley

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LinkedIn & Github & Website

OBJECTIVE

Throughout my time at University I have found a passion for solving problems whether it be in the form of projects or simplifying my workflow. I am now actively looking to further develop my knowledge and abilities whilst contributing to a greater vision with a team of skilled developers.

EDUCATION

BSc (Hons) Computer Science   *September 2018 - Present*
University of Greenwich
Year 3 (Current): Expected First Class

A - Level Qualifications   *September 2014 - July 2016*
Woolwich Polytechnic Sixth Form
A2 - Level: Geography, Biology, Photography

GCSE Qualifications   *September 2009 - July 2014*
Woolwich Polytechnic School For Boys
11 GCSE's (A*-C) w/ Double Award Maths (AB) & Triple Award Science (AAC)

SKILLS

Programming/Scripting Languages: Java, HTML, CSS, JavaScript, R, Python.
Web Technologies : Bootstrap, jQuery, SQL, MongoDB, React
Operating Systems: MacOS, Windows 10, GNU/Linux (Debian / Ubuntu)
General: Data Structures, Object Oriented Programming, Algorithms, Design Patters, Unit Testing, Version Control w/ Git, APIs

EXPERIENCE

Customer Assistant   October 2016 - August 2017
Tesco, Welling - Gained valuable experience in working as part of an ever-changing team in a high pressure environment.

PROJECTS

Root Finder   *November 2019*
A desktop application using Java that allows the user to find the root of a specific function using four different root finding algorithms. The root of the function is stored in either stacks or linked lists, with a graph of the function being displayed.
- **Technologies/Tools:** Java, Java-Swing, Data Structures, Graphing APIs

Network Distributed Communication   *February 2020*
A multi-threaded network based application that allows users to send and receive messages from different machines through the use of networking sockets. Employed many Object Oriented techniques such as abstraction, inheritance whilst adhering to some design patterns.
- **Technologies/Tools:** Java, Sockets, Unit Testing, Git

Currency Converter   *Septemeber 2020*
A React web app that uses an exchange rate API to convert international currencies.

INTERESTS

- Designing Websites and attempting to create them with modern technologies.
- Building custom mechanical keyboards and computers.
- Reading, fitness, general health & well-being.