

Education	<p>BSC (HONS) COMPUTING (APPLICATION SOFTWARE DEVELOPMENT) <i>(Expected) 2020</i></p> <p><u>Robert Gordon's University</u></p> <p>Curriculum: Dynamic Web Development, Operating Systems, Computer Security & Cryptography, Software Engineering & Project Management, Mobile App Development, Artificial Intelligence for Problem Solving, Big Data Analytics.</p> <p>HND, COMPUTER: SOFTWARE DEVELOPMENT <i>June 2018</i></p> <p><u>North East Scotland College</u></p> <p>Curriculum: Structures, Object Oriented Programming, Rapid Application Development, Team Developing, Networking Technology, Multi User Operating Systems, Human Computer Interaction, Web Development, Computer Forensics.</p>
Projects	<p>Cryptocurrency Powered Crowdfunding Website</p> <p>A social network site that allows content creators to receive donations by their viewers. <u>Bitcoin, GraphQL, React, NodeJS, Postgres</u></p> <p>Cryptocurrency Wallet & Exchange • github</p> <p>For the second year of college I made a cryptocurrency web wallet that supported Bitcoin & Litecoin and could exchange between the two using a third-party API. <u>NodeJS, jQuery, Cryptocurrency, AJAX</u></p> <p>CELCAT Timetable API Parser • github</p> <p>Parses raw pdf's into JSON and inserts them into a Postgres database which is exposed to a REST API. <u>REST, NodeJS, Postgres</u></p> <p>University Key Manager (group project) • github</p> <p>Built a bespoke application help a staff member manage thousands of keys for rooms all around the university solving the inconvenience issue they had with using an excel spreadsheet. <u>React, Firebase</u></p> <p>ZeroLink Library • github</p> <p>A side project I am involved in is a python library for interacting with a tor hidden services API which creates coinjoined Bitcoin transactions. The goal is to make it easier for wallets to integrate coinjoin. <u>Python, Bitcoin</u></p>
Awards	<p>Design and Technologies Award <i>2016</i></p> <p>Awarded for best overall performance in the Design & Technology Department at St Machar Academy throughout the years.</p>
Skills	<ul style="list-style-type: none">• Highly proficient in JavaScript, Python, React, HTML, CSS, NodeJS, and Postgres• Experience with jQuery, AJAX, MySQL, EJS, Sass, Version control software (git), and UI tools like Adobe XD• Knowledge of Java