Kevin Kelbie

kelbie.me
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Education

BSC (HONS) COMPUTING (APPLICATION SOFTWARE DEVELOPMENT)   *(Expected) 2020*

Robert Gordon's University

Curriculum: Dynamic Web Development, Operating Systems, Computer Security & Cryptography, Software Engineering & Project Management, Mobile App Development, Artificial Intelligence for Problem Solving, Big Data Analytics.

HND, COMPUTER: SOFTWARE DEVELOPMENT   *June 2018*

North East Scotland College

Curriculum: Structures, Object Oriented Programming, Rapid Application Development, Team Developing, Networking Technology, Multi User Operating Systems, Human Computer Interaction, Web Development, Computer Forensics.

Projects

Cryptocurrency Powered Crowdfunding Website

A social network site that allows content creators to receive donations by their viewers.

Bitcoin, GraphQL, React, NodeJS, Postgres

Cryptocurrency Wallet & Exchange

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.

NodeJS, jQuery, Cryptocurrency, AJAX

CELCAT Timetable API Parser

Parses raw pdf's into JSON and inserts them into a Postgres database which is exposed to a REST API.

REST, NodeJS, Postgres

University Key Manager (group project)

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.

React, Firebase

ZeroLink Library

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.

Python, Bitcoin

Awards

Design and Technologies Award   *2016*

Awarded for best overall performance in the Design & Technology Department at St Machar Academy throughout the years.

Skills

- Highly proficient in JavaScript, Python, React, HTML5, CSS3, NodeJS, and Postgres
- Experience with GraphQL, jQuery, AJAX, MySQL, EJS, Sass, Version control software (git), and UI tools like Adobe XD
- Knowledge of Java, Docker