Ebin Benny

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EDUCATION

Computer Science Sep 2016 – Ongoing

Trinity College Dublin

- Second Year - Senior Freshman 79% – I

Algorithms & Data Structures – 88% – I	Programming Project – 76% – I
Systems Programming – 72% – I	Concurrent Systems & OS's – 78% – I
Microprocessor Systems – 82% – I	Computer Architecture 1 – 93% – I
Telecommunications 2 – 74% – I	Information Management 2 – 77% – I
French for Non Beginners 1 – 72% – I	Discrete Mathematics – 72% – I

- First Year - Junior Freshman 84% – I

Mathematics – 88% – I	Introduction to Programming – 90% – I
Programming Project – 100% – I	Introduction to Computing 1 – 90% – I
Introduction to Computing 2 – 63% – II-1	Electrotechnology – 68% – II-1
Digital Logic Design – 83% – I	Telecommunications 1 – 84% – I
Computers and Society – 64% – II-1	

Adamstown Community College Aug 2011 – May 2016

- Leaving Certificate – 555 points

AWARDS

- Book Prize, Trinity College Dublin 2017 – 2018
  Received for achieving an overall first in 2017 and 2018.
- Best Project Prize CS1013, Trinity College Dublin Jun 2017
  For producing the best project in the year for the module: Programming Project
- Student of the Year, Adamstown Community College May 2016
  Awarded at 6th year graduation for outstanding academic performance.

PROJECTS

EBeth (Ethereum DAPP) Jan 2018 – Apr 2018

Orange Tribes, Kruisweg, Hoofddorp, the Netherlands

This was a project that was given by an external client through Trinity College Dublin. We were charged with making a prototype betting DAPP for Premier League games that worked with the Ethereum Blockchain. The project was to be completely done in 12 weeks with weekly goals assigned by the client.

- My Role – **Back-End Developer**
  - Writing of Ethereum smart contracts to control all aspects of a betting event.
  - Migration of Ethereum smart contracts to the blockchain.
  - Alerting a smart contract when the status of a betting event changes.
  - Setting up an oracle system for the contracts to get trusted information.
  - Make utility functions for the Front-End team for interactions with the blockchain.

Technologies Used: Geth Client, Solidity, Truffle, Node JS, Javascript (As Typescript), web3, git, oraclize

UK Land Register Program Mar 2017 – Apr 2017

Trinity College Dublin

This group project involved a large file containing UK land register records on house sales. We were to read the data, display this information in a meaningful way and allow the data to be filtered.

- My Role – **SQL and Java Developer**
  - Drawing a map with markers and info boxes.
  - Info box for each marker which involves a street view image of the property.
  - Making filtering functions for the Front-End team using SQL queries.
  - Getting the coordinates for each property and adding into the SQL table.

Technologies Used: Java, Processing, SQL, SVN, Postcodes.io, Unfolding Maps, Google Street View API

Childcare Finder Ireland Android App Jun 2016 – Jul 2016

Scoil Scammail

I was charged with making an Android App that allowed users to find nearby childcare centres in Ireland. I was given data by then then operator of scoilscammail.com.

- My Role – **Android Developer**
  - Parse .csv file with information for each childcare centre.
  - Display markers on the map for childcare centre.
  - Create an infowindow for the markers to show details.

Technologies Used: Java, Android Studio, XML

OTHER WORK EXPERIENCE

Undergraduate Demonstrator Sep 2018 – Ongoing

Trinity College Dublin

Worked as a demonstrator for the modules CS1E03 and CS2E03. I helped 1st year and 2nd year Computer Engineering students for their labs. This module was essentially for teaching Computer Engineers how to program using C++ and for them to understand programming concepts.

State Examination Aide Jun 2018

Adamstown Community College

Acted as an exam aid for students. This involved scribing for students that were unable to write themselves. It also involved reading exam papers to students who had trouble reading.

SKILLS

Java – 3 Years, C – 1 Year, C++ – 1 Year, Android Dev – 1 Year, JavaScript – 1 Year, ARM Assembly – 2 Years, French B1.