

Harrison Coneboy

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A passionate and hard-working graduate seeking a challenging and rewarding career in software development.

Education

The University of Edinburgh

2016 – 2020

BEng (Hons) Artificial Intelligence and Software Engineering (First-Class)

Relevant Modules include:

Computer Security (81%), Informatics Large Project (91%), Software Testing (78%), Software Design Project (73%), Human-Computer Interaction (75%), Software Architecture and Process Management (77%)

Xabia International College

2014 – 2016

A-levels: Mathematics (A), Further-Mathematics (A), Chemistry (B), Physics (B)

Relevant University Projects

Tools for Teaching, Dissertation

2019-2020

- Designed and implemented a web application focused on teaching first-year undergraduates propositional logic concepts
- Development of the application involved using technologies such as: *Python, JavaScript/HTML/CSS, React, D3.js*
- The project presented the opportunity to liaise with the project supervisor, gather (non)-functional requirements and iterate versions based on feedback

Roboreach, Software Design Project

2019-2019

- Worked alongside 8 other students to design, create and market a Lego-powered robot aimed at people with mobility issues
- The project presented an opportunity to use team-based technologies such as: Trello (management), GitHub (version control), Slack (communication)

Coinz, Informatics Large Project

2018-2019

- Produced an Android application using Android Studio and Java
- Version control was handled through GitHub
- Experience implementing the Mapbox API and multiplayer features handled through the Firebase platform

Personal Projects

Python Puzzle Solver

2020-2020

- Created GUI (Tkinter) application that allows users to determine if a list of shapes will fit within a given NxM grid, and display the solution
- Solutions based on A star search, with the heuristic based on shape perimeter and empty grid space

Front-end Website Design

2019-2020

- Employed to design and create a digital showcase of projects and services tailored towards the clients
- Successfully collaborated with a graphics designer and deployed a website through a CMS with custom CSS & JavaScript

Key Skills

Quick Learning and Problem Solving

- Confident in quickly learning and becoming competent when presented with projects requiring the use of novel technologies
- Meticulous detail toward algorithmic time complexity and completing projects well within given time frames

Adaptability

- I am comfortable in any role and eager to adapt to new responsibilities should the situation require my support
- Work well under pressure and can adapt to moving deadlines

Languages & Technologies

- Speak both English (native) and Spanish (fluent)
- Programming languages:
 - Technologies: MERN-stack, Firebase, Git(Hub)
 - Confidently code in: Python, Java, Javascript, HTML, CSS
 - Basics and Foundation: C, SQL, Haskell, MIPS

Interests

Computer Security

- I have enjoyed self-study and CTF exercises using platforms such as [TryHackMe.com](https://tryhackme.com), I enjoy exploring the Kali Linux system and offensive security tools

Escape Rooms

- I enjoy the puzzle solving activities presented in escape rooms and the teamwork required to complete them within the given time limit
- I have created DIY escape rooms with original puzzles for friends