

Jack Collis

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A hard-working and career driven computer science student looking for a graduate opportunity. My real-world experience in industry is affording me invaluable skills that I will take forward into my professional working life.

Work Experience

Industrial Placement to Graduate ILS Engineer – BAE Systems Portsmouth, 17/09/2018 – Present

Developed a script that would automate the process to link and build information and push that to a database with an estimated time saving of over 2400 hours for the project through-life. (Access, PL/SQL, VBA)

Projects

Conversion Toolkit – Personal Project github.com/collis96/Unit-Conversion-Tool

Developed a unit conversion app for mobile users. The application includes over 12 conversion categories, including distance, area and currency. This is a live project that will continue to be supported for the growing user base. (Android, Mobile, Java)

Game of Life – Personal Project github.com/collis96/Game-of-Life

A recreation of Conway's Game of Life utilising the Model-View-Controller design pattern. (JavaScript)

Ray Casting – Personal Project github.com/collis96/Raycasting

This project aims to showcase 2D Ray casting while also providing a 3D render of the same environment. (HTML5, CSS, JavaScript, p5.js)

Pipe Ordering Application – University Project github.com/collis96/Pipe-Ordering-Application

Developed a system that allows users to order different specifications of pipes. This project was Object Oriented Design and implemented the Model-View-Controller design pattern. (Java, Swing)

Education

University of Portsmouth, 2015 to 2020

B.Eng. Computer Science, 2:1

Skills

Technical

Very comfortable with Object Oriented Programming
Confident with Java, C++, SQL, HTML, CSS, JavaScript
Experience managing relational databases, mainly Oracle
An understanding of Agile Methodologies
Knowledge of various design patterns

Soft

Excellent communication skills
The ability to present ideas effectively to different audiences
Have experience working well within a team environment

References available on request