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# PROFILE

I am in my final year of university currently studying Computer science. I am a hardworking, reliable individual with a passion for breaking down and solving a variety of problems. In teams, I can acknowledge and help my coworkers with their ideas while keeping up with my own objectives. I am currently looking to put what I have learnt into practice in a software developer role.

# EDUCATION

**University of Essex:** 2017-2020  
**Degree:** Computer Science BSc (Predicted first)

|  |  |  |
| --- | --- | --- |
| **First year:** First class | **Second year:** First class | **Final year:** |
| - Introduction to programming - Web development - Digital systems - Object orientated programming - Network fundamentals - Computer Mathematics - Professional development | - Software engineering - Data structures and algorithms - Web applications - Database and information retrieval - Computer security - C++ programming - Application programming | - Advanced programming - Information retrieval - Large scale software systems and Extreme programming - Algorithmic game theory - Network security |

**Glyn Technology School**: 2011 - 2018

**A-levels:** Computer Science (B), Math’s (C), Graphics (C)  
**GCSEs:** 10x A-C including Math’s and English

# PROJECTS Querying semi-structured data — *Java, Git, Jira*

For my final year project, I am creating an application to automatically parse Excel files for tables and allow the user to merge with other files that contain overlapping content.

**BenM live chat —** *React Native, NodeJS, JavaScript*For To gain experience in backend coding, I created a live chat functionality for my personal site which would allow the user to message from their browser to a corresponding phone app I would be able to reply with.

**Snap alert** **—** *Java*

During a large-scale systems module, we experienced an agile TDD workflow in large teams by creating a phone application that could be used in threatening situations. It quickly alerts a contact of the user’s choice with a photo and their location, which is stored on a server in case their phone is damaged.

**Virtual ball game —** *Java, C#*

For advanced programming, we had to create a ball passing game based on clients connecting to a main server to manage all the connecting players. Using simple sockets, the game could be played on its C# or Java version regardless of which version of the server was running.

## **Personal website —** *PHP, Html, CSS, JavaScript*

A personal project to practice web development. [benrf.co.uk](https://benrf.co.uk/)

**KIOT mobile app —** *React Native, C#, Git, Jira*  
As part of a team-based learning module in university, I and 5 other students had the experience of creating a product for Informetis, The created app used the companies servers and collected data to help inform the elderly and their carer on their energy usage for different appliances along with predicted usage. My focus was based on communication between the app and our own server.

# WORK HISTORY

**Odeon cinema:** 2016 - present

**Duties:** Customer facing role, Serving guests

**Skills:** Teamwork, time management, problem-solving, customer service.

# TECHNICAL SKILLS

* - JavaScript (NodeJS, React Native)  
  - Java  
  - C++  
  - C#  
  - PHP  
  - Html/CSS  
  - Python  
  - SQL