Charlotte Burns

Ealing, W13 9TQ, London, United Kingdom | 07818 300448 | charlotte@burns.net | British Citizen | Australian Citizen

A university student that can demonstrate a high level of learning, people, and observational skills.
Highly motivated individual who strives to do their best in everything I partake in.
Looking for an opportunity to enhance my skills and gain real world work experience.

Education

BSC COMPUTER SCIENCE & AI | 2021 - 2024 | LOUGHBOROUGH UNIVERSITY

- First-year Modules: Computer Systems, Databases, Embedded Systems Programming, Functional Programming, Introduction to Algorithms, Introduction to Programming, Logic for Computer Science, Mathematics of Computer Science, Object Oriented Programming, Software Engineering 1, Web Programming.
- Current Second-year Modules: Formal Languages and the Theory of Computation, AI Methods, Computer Graphics, Software Engineering 2, Operating Systems, Networks and the Internet 1, Team Projects

ONTARIO SECONDARY SCHOOL DIPLOMA (OSSD) | 2021 | EARL HAIG SECONDARY SCHOOL

- Data Management (93%), Computer Science (91%), English (86%), Calculus & Vectors (86%).

Projects

PIXELATED ADVENTURE GAME | JAVASCRIPT, HTML, TILED | IN-PROGRESS

- Adventure game turned horror. Pokémon-style.

GOOGLE CHROME DINOSAUR GAME | JAVASCRIPT, HTML

- Google Chrome's idea of a mini obstacle jumping game, with an original design.

PRODUCTIVITY MANAGEMENT SUB-SYSTEM | HTML, TAILWIND, NODE JS, NEXT, SQL

- Assists employees, managers, and team leaders with creating projects and managing daily tasks for individuals and teams.

COMPUTER ACCESSORIES SHOP | JAVA APPLICATION

- A system to help a business handle shop activity, switching between admin and customer view depending on login.

WEDDING VENUE WEBSITE | HTML, CSS, PHP, MYSQL | WEB DEVELOPMENT

- A full stack responsive website where users can search for wedding venues.

LIBRARY MANAGEMENT SYSTEM | PYTHON

- Library management system for a librarian and members. The librarian can search, check out, and return books. The members are recommended books based on what they check out and search for.

THEATER SEAT ASSIGNMENT PROGRAM | C++

- Would give users the choice of purchasing tickets, viewing available seats, it would take in the user's information so that if they were to put in their information, it would display which tickets they had already purchased.

PONG GAME | PYTHON

- Recreated a multiplayer-only version of the world's first commercially successful video game in Python.

Work Experience and Volunteering

BARTENDER | BELL FOUNDRY | NOVEMBER 2022 - PRESENT

- Served beverages to customers. Drinks consisted of sodas, ales, lagers, cocktails/mocktails and spirits.

REFEREE | GO MAMMOTH | JULY 2022 – SEPTEMBER 2022

- Refereed touch rugby and dodgeball matches.

STUDENT AMBASSADOR | LOUGHBOROUGH UNIVERSITY | 2022

- Reassured and guided the visitors around the University whilst answering all their questions.

VOLUNTEER | WORLD VISION | 2019

- Participated in events to help raise over $2000 to support World Food Programme to help children who are starving in Kenya and South Sudan.

Certificates

CISCO NETWORKING ACADEMY

- CPA: Programming Essentials in C++
- Introduction to Internet of Things (IOT)

EARL HAIG SECONDARY SCHOOL

- Most Valuable Player (MVP) – Rugby 2021

Skills

C++, HTML, MySQL, PHP, Python, CSS, JavaScript, Java, Tailwind, Node, Linux, Teamwork, Creative Writing, Easily Adaptable, Public Speaking.

Hobbies

Rugby Union, Public Speaking & Debating, Playing Guitar and singing, Computer Programming, The arts.