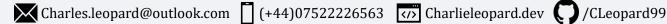
Charlie Leopard







Education & Qualifications

MSc Advanced Computer Science, Newcastle University

Oct 2020 - Sept 2021

Modules include: Advanced Programming, Internet of Things, Cloud Computing, Big Data Analytics, Security Tools, Dependable Systems, and Model-Based System Engineering

BSc (Hons) Computer Science, Newcastle University

Sept 2017 - July 2020

- Grade: 1st Class
- Dissertation: Development of custom assistive technology for Dementia
- Modules include: HCI, Ubiquitous Computing, Web Development, Mobile Development, Algorithms, Database Technologies, Reliability & Fault Tolerance, System & Network Security, and Real-Time & Cyber-Physical Systems

IT & Game Dev Extended Diploma, Hertford Regional College

Sept 2015 - July 2017

Grade: Distinction*, Distinction*, Distinction

Personal Projects

MyMemory App React-Native | Firebase | Node.js

2020

- Designed and developed an app using a user-centred approach by working with caregivers of Alzheimer's patients
- Stores input in a real-time database and formats the user's photos and input for accessibility to enhance reminiscence and create personal quizzes to assist users with recalling information and relationships

Twitter Bot

Node.js | Twitter API | Reddit API | Firebase

2020

- Built a Twitter bot in Node.js to experiment with REST APIs, web-scraping, and bot building deployed using Heroku
- The bot tweets the top post of specified subreddits using the Reddit API, tweets a new plant every day from web-scraped data (stored using Firebase), retweets every few hours, and responds to activity involving the bot - @DailyPlantBot

Portfolio Website

React | SCSS | Node.js

2020

Built a responsive website in React and SCSS and hosted on Firebase, made for maintainability and reusability. This acts as my personal website; you can see more here: Charlieleopard.dev

Technical Skills

JavaScript, Java, HTML, CSS, SQL, C Languages

Frameworks React, React Native, Node.js, SASS/LESS, JUnit, Bootstrap

Other Tools & Software UML, Google Firebase, Heroku, IntelliJ, Eclipse, Git, Visual Studio, Android Studio, REST APIs,

Test-Driven Development, Agile Development, LAMP Stack

Employment & Volunteering

Bar Staff at Beeronomy Newcastle

Dec 2018 - Jan 2020

Effectively coordinated and communicated with colleagues to maintain smooth service under pressure, supervised and mentored new staff in the business's operations, took initiative to carry out tasks during non-peak hours

Committee Member of Craft Beer & Cider Society

May 2018 – May 2019

Organised weekly events and trips around the North-East, promoted the society, and ensured safety and inclusivity

Enfield Dig-IT Solutions Technician

Oct 2016 - Oct 2016

Applied my knowledge to complete task and communicated clearly with customers about technical issues

Enfield Food Bank Volunteer

July 2015 – Sept 2015

Logged and organised inventories, dispatched packages to a specification of people's needs as part of a team

National Citizen Service & Head-Start

June 2015 – Aug 2015

Built on interpersonal skills through workshops, pitched as a team to council members for funding, developed key employability skills during several masterclasses at City Hall, London

Other Hobbies

Succulents/Houseplants | Craft beer & Mixology | Computing & Student Brewing Societies | Video Games | Travelling | Learning new things

See more of me on my website: https://charlieleopard.dev/