Charlie Leopard

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www Charlieleopard.dev

Education & Qualifications

MSc Advanced Computer Science | Newcastle University   *Oct 2020 – Sept 2021*

- Modules include: Advanced Programming, Internet of Things, Big Data Analytics, Security Tools, Dependable Systems, Model-Based System Engineering, and High Integrity Software Development

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 National 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 creates personal quizzes to assist users with recalling information, built independently with React-Native

Twitter Bot   Node.js |Twitter API | Reddit API | Firebase   *2020*

- Built a Twitter bot with 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 portfolio website; you can see more here: Charlieleopard.dev

Technical Skills

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

Beeronomy Newcastle | Bar Staff   *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, and took initiative to carry out tasks during non-peak hours

Newcastle Craft Beer & Cider Society | Committee Member   *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 | Volunteer   *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