

# Charles Leopard

## Contacts

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## Languages

JavaScript

Java

HTML

CSS

SQL

C

## Frameworks

React

React Native

NodeJS

SASS/LESS

Bootstrap

JUnit

## Software Design

User Personas & User Stories

Storyboards

Prototypes

Requirements

Technical Docs

User Evaluations

UML

## Other Skills & Software

Firebase

Heroku

IntelliJ

Eclipse

LAMP Stack

Git

Visual Studio

Android Studio

REST APIs

TDD

Agile

Microsoft Packages

Linux

VDM-SL

Overture Tool

## Personal Statement

As a passionate and organised 1st class Computer Science graduate with various work and academic experiences, I am a confident and efficient communicator (both verbal and written), strong team-player, and effective individual who will take initiatives in the workplace. I am also detail- and results-driven; eager and able to quickly learn new skills and take on challenges to improve myself as a person and as a software designer/ developer.

## Education

### Newcastle University (UK)

Sept 2017 – July 2020

#### BSc (Hons) Computer Science 1<sup>st</sup> Class

- Dissertation: Development of custom assistive technology for Alzheimer's patients
- Favourite modules include:
  - HCI, Ubiquitous Computing, Web & Mobile Development, Algorithms, and Real-Time & Cyber-physical systems

### Hertford Regional College

Sept 2015 – July 2017

#### IT & Game Dev Extended Diploma

Distinction\* Distinction\* Distinction

- Favourite modules include:
  - E-Commerce, Website Production, Project Planning, Impact of IT on Organisations, 3D Modelling, and Developing Games

### Bishops Stopford Secondary School

Sept 2010 – July 2015

9 A\* - B GCSEs

## Projects

### MyMemory App

React-Native | Firebase | NodeJS

- Designed and developed an android app using a user-centred approach by working with caregivers of Alzheimer's patients
- Formats the user's photos and input for accessibility to enhance reminiscence and personal quizzes to assist users with recalling information

### Twitter Bot

Node.js | Twitter API | Reddit API

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

## Interests

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- UX/UI design
- Mobile & web development
- Ubiquitous technologies
- Internet of things
- Technology in health-care
- Space exploration

## Other Hobbies

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- Succulents/houseplants
- Craft beer & mixology
- Video games
- Computing & Technology, Student Brewing societies
- Learning new things
- Travelling/exploring

## Portfolio Website

## React |SCSS | Node.js

- 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](http://Charlieleopard.dev)

## Employment & Volunteering

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### Bar Staff at Beeronomy Newcastle

*Dec 2018 – Jan 2020*

- Developed and sharpened customer service skills in workshops and training to ensure customer satisfaction through prompt service and effective communication
- Coordinated with colleagues to maintain smooth service by sharing workloads and interacting with one another effectively
- Managed time and prioritised tasks while working under high pressure, and showed initiative in carrying out additional tasks during non-peak hours including assisting in the creation of new menus, organisation of products, and deliveries
- Supervised and mentored new staffs in the business's operations

### Committee Member of Craft Beer & Cider Society

*May 2018 – May 2019*

- Organised weekly social events at different locations around the North-East including trips to other cities, festivals, and brewery tours
- Communicated with people of different nationalities, ensuring their safety, and inclusivity in events
- Promoted the society and its activities in freshers' fair and on social media pages

### Enfield Dig-IT Solutions Experience

*Oct 2016*

- Advised customers on hardware issues by communicating clearly to explain technical issues
- Applied and furthered my knowledge complete tasks following business practices

### Enfield Foodbank Volunteer

*July 2015 – Sept 2015*

- Dispatched packages to a specification of people's needs while communicating with colleagues from different backgrounds
- Organised and logged inventories delivered to the Foodbank

### National Citizen Service & Head-Start

*June 2015 – Aug 2015*

- Built on interpersonal skills through team building activities and workshops during a 3-week period with students from other schools
- Pitched as a team to council members with the aim of receiving funding for a local charity
- Developed key employability and effective communication skills, both verbal and written, through several masterclasses at City Hall, London