

Junior Software Developer

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PERSONAL STATEMENT

A recent career changer to the world of Software Development, I have a strong background in science, technology and law stemming from my experience as a Patent Attorney. I want to work in this sector because I find fulfilment in thinking creatively to solve real-world problems and seeing projects come to life. Eager to leverage my diverse skillset and passion for innovation, I am seeking an opportunity that will keep me constantly learning whilst adding value to both individuals and businesses.

TECHNICAL SKILLS

Language(s): JavaScript, using Node.js and browsers as environment

Testing: Test-Driven Development (TDD), Jest, Supertest

Back-end: SQL, PSQL, seeding, migrations

Front-end: HTML, CSS, React, React Native, Lighthouse and other accessibility tools

Hosting: Cloudflare, Netlify

Other: Paired programming, technical communication, SDL, Agile and SCRUM methodologies

PROFESSIONAL EXPERIENCE

Junior Software Developer at Northcoders

Jan 2024 - Apr 2024

- Full-time, 13-week software engineering bootcamp, specialising in both front-end and back-end technologies.
- Engaged in paired programming tasks to solve complex coding challenges, utilising Test-Driven Development (TDD).
- Delivered individual and collaborative projects, demonstrating proficiency in working both independently and as a team.
 - **Individual Projects:**
 - [NCNews \(back end project\)](#) - a news API which provides data from the nc_news database. The database was built with Postgres, and contains data for articles, topics, comments and users.
 - [NCNews \(front end project\)](#) - a React application which connects to the NCnews API to allow users to browse and interact with articles and comments from the API.
 - **Group Project:** [iTinerary](#) - a travel planning app built using React Native, Javascript, Firebase, Firestore, Expo, Axios, and the Mapbox API.

JavaScript Kickstarter at Code First Girls

Sept 2023 - Oct 2023

- Part-time, 8-week kickstarter course, covering the fundamentals of JavaScript programming.
- Also covered DOM manipulation, event handling, and basic web development concepts.
- Delivered a group project in the form of an interactive habit tracker web application.

EMPLOYMENT HISTORY

Theatre Instructor and Bunk Counsellor at Camp Lindenmere

June 2024 - August 2024

- Acted as a support system and authority figure for a bunk of twelve girls aged 11-13. Supervised and ensured the well-being of campers in the bunk, fostering a positive and inclusive environment.
- Collaborated with the Theatre team to produce four musicals in a seven-week period. Worked with children aged 7 to 16, fostering their talent and encouraging creative expression and confidence. Duties included choreography, vocal instruction and stage direction.
- Resolved conflicts between campers of different ages, backgrounds, and experiences.

Part-Qualified Patent Attorney at J A Kemp

October 2021 - January 2024

- Responsibilities included the drafting, filing and prosecution of patent applications in the chemistry and pharmaceuticals fields, working for clients spanning from small start-up companies and universities to multinational chemical corporations.
- Conducted patent searches and analysed prior art to assess patentability.
- Provided legal advice on intellectual property matters.

Pensions Administrator at Aegon*September 2019 – August 2020*

- Duties included uploading new pension scheme members onto the system, maintaining and updating member records, and directing incoming work items to the relevant teams to ensure work was completed efficiently.

Patent Attorney Intern at Carpmiels & Ransford*July 2018*

- Assisted trainee and senior attorneys in the patent prosecution process.
- Took part in a group task, which involved preparing for and participating in a mock arbitration.

Accounting Intern at MacIntyre Hudson*July 2017 – August 2017*

- Duties included preparing financial reports and bank reconciliations, analysing balance sheets, bookkeeping, and administrative tasks.

EDUCATION**Queen Mary, University of London***2020 – 2021*

- **MSc Management of Intellectual Property (Herchel Smith Scholarship)**
Gained foundation level accreditation with the professional bodies IPReg, CIPA and CITMA.

Durham University, Grey College*2015 – 2019*

- **MChem (Hons) Chemistry – 1st class (within top 20% of my year group)**
Studied the five main branches of chemistry: organic, inorganic, physical, analytical, and biological chemistry. Also undertook an elective module in Spanish (equivalent to AS level standard).

Stamford High School, Lincolnshire*2009 – 2015*

- A-levels: Chemistry (A*), Physics (A*), Maths (A); AS Level: French (A)

POSITIONS OF RESPONSIBILITY**Mental Health First Aider, MHFA England***July 2022 - present*

- Provided support to colleagues experiencing mental health challenges, and promoted mental health awareness in the workplace.
- I was an active member of the Mental Health Committee and the Diversity and Inclusion Committee at my previous company.
- I am passionate about wellbeing at work, and I organised and led weekly mindfulness sessions for my colleagues.

Fourth Year Rep for Grey College MCR*November 2018 – July 2019*

- Liaised with my year group and encouraged them to get involved with MCR activities.
- Voiced the opinions of individuals to the rest of the Executive Committee.
- Organised social events for my peers within the college.

Social Secretary for Durham Dynamics Acappella Choir*April 2017 - July 2019*

- Worked with another member of the choir to organise social events.
- Offered a level-headed approach within the Executive Committee to improve the choir as a whole.

INTERESTS AND ACTIVITIES

- **Content creation:** I co-host a podcast which aims to empower young women to live a happier, more confident life. I also run a social media platform sharing my coding journey, as well as mental health and wellbeing advice.
- **Music:** I was an active member of Durham University's acappella choir. I also hold the following music qualifications: Grade 8 Piano, Grade 5 Violin (merit) and Grade 5 Music Theory (distinction).
- **Sport:** During my undergraduate degree, I was a member of the Grey College Cheerleading team. I am passionate about the impact of exercise on mental health, and in my spare time I regularly attend dance, yoga and spin classes. I have experience in several types of dance, including ballet, commercial, lyrical and heels. I hold a Grade 5 Ballet qualification (with merit).