

# Tom O'Neill

Manchester (Willing to relocate)  
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[Linkedin](#) [GitHub](#) [Portfolio](#)

## Personal Statement

Confident and resolute full-stack software development graduate pursuing a junior role in tech. With a master's in chemistry, I am eager to apply my blend of problem solving skills in a new capacity. Experience in science recruitment has honed my exceptional interpersonal skills, fostering professional relationships with clientele. These skills were instrumental in the coding bootcamp I recently completed, where through collaborative pair programming I sharpened my communication and teamwork abilities. Now, I am eager to join a dynamic development team where I can expand my abilities and work on impactful projects. Ambitious and academically strong, I thrive on embracing fresh challenges and I am excited to embark on my new career path, ready to make a positive difference in the right role.

## Technical Skills

- Languages: JavaScript, TypeScript
- Frontend: React, React Native, HTML, CSS, Axios, Tailwind, Expo
- Backend: Node.js, Express, PSQl, Firebase, Insomnia, TDD with Jest, Supertest
- Cloud services: Github

## Experience

### Junior Software Developer, Northcoders, Manchester

*Mar 2023 - Jun 2023*

Northcoders stands as an industry-leading, JavaScript software development bootcamp, renowned for its emphasis on practical learning. Significantly enhanced my coding proficiency, acquiring comprehensive skills in app and web development and progressing from learning the fundamentals of JavaScript to showcasing a full-stack mobile application by the programs end. Their comprehensive curriculum covers both back end and front end coding, equipping me with the highly sought-after technology skills that are relevant and in-demand in the industry. These encompass a range of sought-after proficiencies, including agile methodologies like Scrum, Kanban, and Spiking, proficiency in Git Version Control, and adeptness in Test-Driven Development (TDD).

#### Final Project:

- I collaborated with a team to create the mobile application 'Love Birds' designed for users in long distance relationships to stay connected in a fun way. Built with React Native, TypeScript, Tailwind and Firebase.
- GitHub: [Final Project](#) YouTube: [Project Demo](#)

#### Front End Project:

- Designed a C.R.U.D web for the news articles API, that can read articles, upvote and post comments on them and log in to select user profiles. Built using JavaScript, React, Axios and Node.js.
- GitHub: [Front End Project](#)

#### Back End Project:

- Embraced a Model-View-Controller (MVC) pattern and asynchronous coding to build a restful API that handled news articles data and comments stored relationally in a PSQl database. Built using JavaScript, Node.js, PSQl, Express, Jest and Supertest.
- GitHub: [Back End Project](#)

### Account Consultant, SRG, Salford Quays

*Apr 2021 - Jan 2023*

- During my tenure with the National Accounts Team (NAT) within SRG, I managed several of the largest accounts within the pharmaceutical sector including Pfizer and AstraZeneca. I was the

primary liaison between hiring managers and candidates and built strong relationships with both parties.

- I matched talented professionals with rewarding opportunities which aligned with their skills sets. I organised regular client update meetings and on-site visits, fostering an open communication and ensured thorough understanding of client needs and preferences.
- Additionally I supplied candidates nationally to other major global organisations in the chemical, biotechnology manufacturing sectors.

#### **Synthetic Chemist, Bachem, St Helens**

*Aug 2020 - Mar 2021*

- Working in an ISO13485:2016 certified laboratory that specialised in the manufacturing of peptides and complex organic molecules as active pharmaceutical ingredients on a global market.
- My responsibilities included operating a variety of automated synthesisers, performing manual modifications to peptides and biochemicals under strict time deadlines and thorough documentation all work completed in compliance with standard operating procedures.

#### **Sales Associate, Urban Outfitters, Leeds**

*Jul 2019 – Nov 2019*

- Delivered excellent customer service in a fast-paced environment. Worked in a competitive team which regularly achieved the highest percentage of customer rewards registrations on the tills. Displayed attention to detail when organising displays, stock taking and customer requests.

#### **Charity Fundraiser, MonDial Fundraising, Sydney, Australia**

*Nov 2018 – Dec 2018*

- Built and maintained professional relationships with charity pledges. Informed donors on the new projects that their chosen charities were involved in and aided in any queries they had.

#### **Mountain Biking Instructor, Trails End Camp, USA**

*Jun 2017 – Aug 2017*

- Coached children from ages 6-16 and conducted bike-rides and hikes out in the wilderness. Responsible for a large group of boys during excursions and activities, in addition to their general wellbeing.

### **Education**

#### **MChem with Study Abroad (2:1)**

*Sep 2016 - Jun 2020*

#### **University of Leeds, University of Wollongong, Australia**

- My final masters research project was at the interface of chemistry and biology. It involved the design and synthesis of reactive peptides and studying their interaction with peroxisomal proteins. I independently planned and executed a series of experiments, showcasing my research capabilities. I carried out solid phase peptide synthesis, where peptide chains were constructed before employing site-directed mutagenesis to engineer recombinant proteins for analysis.
- For my third year research project that took place in Australia, I delved into the environmental impact of 'pickle liquor', a commonly used waste product in industrial plants. Through extensive laboratory analysis, I assessed its effects on the environment and proposed more sustainable and cost effective alternatives. Furthermore, outside of university I travelled up the east coast of Australia, explored both islands of New Zealand on the Kiwi bus and visited Bali also.

#### **St Ambrose College, Hale Barns, Cheshire**

*Sep 2009 - Jun 2016*

- A Levels: Biology (A), Chemistry (A), English Language & Literature (A).
- AS Level: Economics (B)
- GCSE's: 2 (A\*), 5 (A), 2 (B) including Mathematics and English.

### **Hobbies**

I enjoy running and have actively participated in various social running groups in Manchester. Currently, I am training for the upcoming Manchester Half Marathon, with my ultimate aim being to complete the London Marathon next year and other renowned marathons worldwide. Additionally, I am consistently engaged in learning new skills. At present, I'm working on enhancing my Spanish proficiency by attending weekly meet-ups with the Manchester Intercambio group, which is a vibrant and immersive learning environment where we gather and engage in lively conversations, sharing our knowledge over tapas.