

CURRICULUM VITAE

Coming from a strong background in synthetic organic chemistry with over 10 years of experience, I am now transitioning into a career in software development, a field that has long captured my interest. Recently, I completed a full stack development traineeship, during which I successfully delivered two real-world projects to specification, using a wide range of programming languages and frameworks. This experience has solidified my commitment to pursuing development as a long-term career path. I am particularly eager to gain commercial experience and apply the technical skills I've developed alongside the analytical and problem-solving abilities honed during my scientific career.

I bring a results-driven mindset, strong work ethic, and a proven ability to adapt and learn quickly, qualities that have served me well both in the lab and in coding environments. I have a keen eye for detail and genuinely enjoy tackling complex problems, whether through structured experiments or writing efficient, maintainable code. I'm now looking for a challenging and dynamic role where I can contribute meaningfully while continuing to grow as a developer.

PERSONAL DETAILS

NAME: Kelvin Ho
RESIDES: Handforth
TRANSPORT: Full UK driving licence and vehicle
RIGHT TO WORK: British Citizen

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CODING TRAINEESHIP

IT Career Switch Ltd
Coding Traineeship – Full Stack Developer
1-year program

During the traineeship, I had to demonstrate a very competent level of the following programming languages and technical skills:

- HTML5, CSS3, JavaScript
- PHP, SQL, MySQL, React, jQuery, C#
- Python, Node.js, Bootstrap, Java, JSON
- Command line Git, GitHub
- Remote API access

DEVELOPMENT EXPERIENCE:

Below are the two briefs of development projects I completed with IT Career Switch which can be found in my bio: <https://kelvinh.co.uk/>

Portfolio Project #1: “Gazetteer”

Develop a map-based application in HTML, CSS, JavaScript (jQuery) and Bootstrap presenting geographical and demographic data from JSON returned by PHP modules that query third-party APIs such as GeoNames and OpenWeather.

Portfolio Project #2: “Company Directory”

Full project cycle: Formal proposal followed by the development of a company personnel database application using Bootstrap, JavaScript (jQuery), PHP and MySQL. Sign off obtained after demonstrating that all of the required functionality was present and working as intended through the preparation of a formal test script.

CAREER HISTORY:

Jul 2025 – Aug 2025

Coding Career Break

During this time, I focused on completing the coding studies that I began in April 2025 and completed projects to gain practical experience with these technologies. I am now immediately available for any junior roles in the development field.

Jul 2020 – Jun 2025

POSITION HELD:

Redx Pharma

Associate Principal Scientist

- Worked on three in-house research projects as a synthetic organic chemist
- One project led to a definitive agreement with Jazz Pharmaceuticals to acquire global rights
- Project managed the chemical synthesis of a target with an external CRO
- Contributed to the maintenance of various laboratory equipment
- Contribution recognised with a promotion to current role in Jan 2023
- Line managed four chemists

May 2018 – Jun 2020

POSITION HELD:

Apex Molecular

Senior Chemist

- Worked on an in-house project and two FTEs
- Regular updates with one FTE customer through weekly presentations over google hangout
- Superuser for both ISCO combi-flash and Interchim purification systems
- Contribution on one FTE recognised with a promotion to senior chemist

Aug 2017 – Apr 2018

POSITION HELD:

Manchester Organics

Senior Chemist

- Carried out 2-3 custom synthesis projects at the same time
- Worked in shifts for a successful delivery of an important client project
- Took over a project after the chemist fell ill and completed project in good time

Oct 2014 – Jul 2017

POSITION HELD:

Redx Pharma

Scientist (Medicinal Chemistry)

- Worked on three in-house research projects as a synthetic organic chemist
- Independently synthesised, purified and analysed novel BTK inhibitors in a time-efficient manner under minimal to no supervision
- Presented fortnightly chemistry updates in BTK team meetings and presented BTK chemistry and SAR in departmental meetings
- Worked on the project that led to the identification of RXC005 which was subsequently sold to LOXO oncology. Now it is marketed as Pirtobrutinib
- Line managed an industrial placement student

EDUCATION:

2010 – 2014

University of Liverpool

PhD Organic Chemistry

2005 – 2010

Heriot-Watt University

MChem (Hons) Chemistry with Pharmaceutical Chemistry (First Class)

2005

George Heriot's School

Five Highers (A – C)