



WILLIAM SIMMS

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A resilient, hard-working, first-class MChem graduate with excellent communication and problem-solving skills. Interested in pursuing a career in software engineering at an innovative company that values and develops these skills, by providing the opportunity to work with a broad-range of exciting projects and technologies.

EDUCATION

UNIVERSITY OF DURHAM, MChem Chemistry, 1st

- *Properties of Molecules: Mathematically oriented problem solving (77 %);* Durham, UK
- *Advanced Organic Chemistry: Problem solving using algorithmic thinking and 'bigger picture' application of content (74 %);* 2018-2022

THE HENRY BOX SCHOOL

- *Mathematics: A*; Chemistry: A*; Physics: A;* Oxfordshire, UK
- *Awards: Oriel Prize for achieving one of the best overall grade outcomes in the year, and an award for achieving the highest overall mathematics mark (cohort size: 90);* 2011-2018

EXPERIENCE

SIGMA LABS

Junior Software Engineer

London, UK

Oct 22 – Present

- Full Stack Software Engineering: experience coding individually and as part of an agile team:
 - Backend: Python, PostgreSQL, RESTful API development, Security fundamentals;
 - Frontend: JavaScript, React, CSS, Semantic HTML, CSS, Jest/React Testing Library;
 - Cloud Fundamentals: AWS, EC2, IAM, SSH
 - Industry Best Practices & Delivery Methodologies: Agile, Test Driven Development (TDD), Pair Programming, Git, OOP, Clean Code, DevOps;
- Professional High Performance Delivery: Problem solving & decision making frameworks, business fundamentals & effective communication;

ABBOTT DIABETES CARE

R&D Scientist

Oxfordshire, UK

Jun 21 – Sep 21

- *Product integrity testing working within a small team; collaborating with teams on-site and in the US;*
- *Lead the design and implementation of a new product testing procedure that is now being used to test the next generation of glucose sensing technology*

PRIVATE TUTOR

GCSE Physics and Chemistry Tutor

Oxfordshire, UK

May 21 – Jun 22

- *Perfected my ability to break down key concepts and tailor explanation complexity to my audience;*
- *Helped two students improve grades from being predicted 6 in both physics and chemistry, to both achieving outcomes of 7 in physics and 8 in chemistry;*

ADDITIONAL INFORMATION

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- *Sports : climbing, intercollegiate university football (futsal league champion), weightlifting, and hiking;*
 - *Other interests : Mobile app development (React Native) and applications of AI technology;*

References available on request