

Christopher Lee

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Education

University of Bath, Bath

2019 – 2023

Chemical Engineering BEng (Hons) with Placement, 1st Overall (71%)

- Relevant modules: Principles of Chemical Engineering, Science and Mathematics for Chemical Engineering, Modelling & Control, Chemical Engineering Skills Practice and Design

St Olave's and St Saviour's Grammar School, Orpington

2017 – 2019

A-Levels: Mathematics (A), Physics (A), Further Mathematics (B), Chemistry (B)

Projects

J.P. Morgan Software Engineering Job Simulation on Forage / Python

- Set up a local dev environment and fixed broken files in the repository to make web applications output correctly.
- Used JPMorgan Chase's Perspective data visualisation software and Python to interface with relevant financial data feed and to generate a live graph for the monitoring of stock price trends which leads to the creation of trading strategies.

Harvard CS50: Introduction to Computer Science

- Utilised this extensive foundation to develop strong algorithmic thinking and enhance problem-solving efficiency.
- Acquired knowledge in a wide range of topics, including abstraction, data structures and algorithms, encapsulation, resource management, security, software engineering, and web development principles.
- Enhanced proficiency in technical programming languages, including C, Python, SQL, and JavaScript.

Advanced Process Modelling Coursework / MATLAB

- Led my team and conducted modelling/coding for the design of a novel instant freeze-dried coffee beverage.
- Leveraged coding skills to enhance the production quality, sustainability and improvements to the operating conditions.

Data Visualisation Project / React

- Learnt and built a user-friendly To-Do-List application from scratch using React, showcasing an understanding of modern user interfaces and frontend technologies.

Snake Game Project / JavaScript, HTML, CSS

- Created the retro snake game application using HTML for the set-up, CSS for the styling and JavaScript for the game logic.

Spotify Automation Project / Python

- Learnt how to automate the saving of your Spotify Weekly Playlist using the Spotify API, increasing my understanding of web development and the interaction with API's and Libraries.

Full Stack Expense Tracker Application / Python, FastAPI, React, HTML, CSS

- Built a full-stack web application using React for the frontend, FastAPI for the backend and SQLite as the database.

Portfolio Website / JavaScript, HTML, CSS / [Portfolio Website](#)

- Developed and deployed a responsive portfolio website using JavaScript, HTML and CSS, utilising the BEM methodology.

Industry & Work Experience

Hunter Bond

June 2023 - Present

Quantitative Technology Consultant

London, UK

- Participated in the end-to-end recruitment process across the quantitative financial and technology space from managing candidates and working under a fast-paced and collaborative environment to developing relationships with clients spanning across the Buy and Sell side, further gaining insight into modern technology and what makes a good software engineer.
- Sourced and engaged 1000's of candidates through exciting career prospects which has provided me with invaluable understanding into the software engineering landscape whilst solidifying my interpersonal and communication skills.
- Worked closely with quantitative analysts and software developers which has fuelled my enthusiasm for a future in coding.

Sun Chemical

September 2021 - May 2022

Laboratory Technician (Placement Year)

Midsomer Norton, UK

- Enhanced knowledge of pigments used for the automotive industry with experience in a modern laboratory environment.
- Developed a statistical model to analyse the data structure by optimising supply chain processes for the company's increased demand and product distribution in circuit boards and printed electronics, resulting in a 10% reduction in holding costs.
- Improved my research and problem-solving skills which has provided me with a deeper understanding of multifaceted problems that companies encounter in their daily operations.

Technical Skills

Programming Languages: Python, C, SQL, Javascript, HTML, CSS

Interests: Swimming (National Level), Badminton, Poker

Languages: English (Native), Cantonese (Intermediate)