Charles Suddens-Spiers

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Education

King's College London , London, England   Enrolled: September 2021 — Graduated: July 2025
Msci Computer Science (Hons)

- Graduated with a First Class Honours Degree

Whitgift School, London, England   Enrolled: August 2019 — Graduated: May 2021
A-Levels:

- A* Computer Science, A* Mathematics, A* Design and Technology, A Physics

Experience

KCL x AWS Impact Accelerator - Conversate App   November 2024 — Present
Project Manager & Developer   Contributors: 4
GitHub Repository

- Part of a 4-person team working with North Yorkshire Council to develop the Conversate application.
- Served as project manager, coordinating team efforts and organising meetings with our external client.
- Implemented key accessibility features and theme selection capabilities to enhance user experience.
- Integrated Microsoft Single Sign-On authentication to streamline user access.
- Developed text-to-speech base functionality to improve application accessibility.
- Technologies used: React, TypeScript, Tailwind CSS, HTML, DaisyUI, AWS cloud services, Microsoft Entra ID.

Rothschild & Co, London, England   January 28, 2025 — March 4, 2025
IT Department Shadow

- Shadowed the IT support function once a week for 6 weeks, gaining insight into operations within a major financial institution.
- Learned about IT governance frameworks, security management protocols, and risk assessment methodologies.
- Observed security testing procedures including vulnerability scanning and penetration testing techniques.
- Gained an understanding of project management practices and the various roles and responsibilities within enterprise IT teams.

Projects

Your Digital Doctor Will See You Now - 3rd Year Dissertation   April 2024

- Developed a multilingual symptom-checking web application using Python (Django), JavaScript and HTML.
- Integrated Healthily Smart Symptoms Checker API with Google Cloud Translate API, enabling support for 10+ languages while maintaining data security compliance.
- Implemented Agile methodology to manage API integration effectively and ensure consistent progress.
- Full project details: Project Report

Greggor Financial Companion   March 2023
GitHub Repository

- Led dashboard development for a financial web application built with Python (Django), HTML, CSS, and JavaScript, enabling users to track accounts, transactions, and financial goals.
- Developed features for displaying targets, calculating financial data, and creating group-based progress tracking with leaderboards.
- Utilised Trello for task management, Git for version control, and implemented Agile development with weekly SCRUM meetings.

Skills & Certifications

- **Programming Languages:** Java, Python, C++, HTML, CSS, JavaScript, TypeScript, Scala, SQL
- **Frameworks & Libraries:** Django, JavaFX, JQuery, React, Tailwind CSS, DaisyUI
- **Version Control & Collaboration:** Git (branching, merging, pull requests), GitHub (repository management, collaborative development)
- **Tools & Technologies:** Trello, CI/CD pipelines, JSON, APIs, Agile/SCRUM, AWS cloud services, Microsoft Entra ID
- **Databases:** SQLite
- **Soft Skills:** Communication, teamwork, problem-solving, adaptability, time management, leadership
- **Certification:** Professional Skills for a globalised world - **King's College London**.   November 2021