

Hayley Wing Yin Kwok

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ABOUT ME

- Adaptable developer with experience in the full development cycle of web applications and desktop applications across different tech stacks.
- Quick Learner and looking for the next challenge to help to make the world a better place.

WORK EXPERIENCE

Graduate Software Engineer | American Express | Burgess Hill, UK

Sep 2022 - Present

- Worked in a full stack team for the development of a B2B cross-currency payment system.
- Worked with technologies like Spring Boot, Kotlin, React and Jenkins.

Software Engineering Summer Intern | Panaseer | London, UK

Jun 2021 - Sep 2021

- Added new features to the web client and API server using Angular and Java Spring Boot.
- Built a new data ingestion connector as the data source for the application using Apache NiFi.

Junior Software Engineer | Certara UK Limited | Sheffield, UK

Jun 2020 - Jun 2021

- Worked on projects to improve the main product (Simcyp Simulator)'s performance.
 - Used lazy loading to reduce the software's start-up time by 10%.
 - Built a code generation tool to replace the Fody package that led to changes in 310+ files.
- Developed WPF applications using the MVVM pattern, C#, .NET 5 and Azure DevOps Server.

Web Developer | NotiFacts | Birmingham, UK

Aug 2020 - Jan 2021

- Converted designs to the company's website using Bootstrap and HTML5 and worked on the back-end server development using Python Flask.

EDUCATION

Bachelor of Science: Computer Science with a Year in Industry | University of Sheffield

2018 - 2022

- Final Grade: First-Class Honours.
- Dissertation on the data visualisation of user's social media data. A single-page application with client-side-only processing is developed with .NET Blazor WebAssembly as part of the project.
 - Demo link: <https://hayley-kwok.github.io/Privasight/>
- Computer Science related activities:
 - Demonstrator for Python & Java beginner modules.
 - Student Mentor for a Python Beginner Course by Code Creators Sheffield.
- Leadership roles:
 - Treasurer for the Sheffield Women in Computer Science Society; International Engineer Ambassador; Academic Representative; Computer Science Student Representative; Maths & Student Mentor for first-year students.

SKILLS

- *Programming languages:* C#, Java, Python, Kotlin, JavaScript, TypeScript, Haskell, Ruby.
- *Website Development (Back End):* .Net Blazor, Spring Boot, Flask & Jinja2, Ruby on Rails.
- *Website Development (Front End):* Angular, React, Bootstrap, HTML5 & CSS.
- *Desktop Development:* .NET WPF, Electron.
- *DevOps:* Jenkins, Azure DevOps Server, GitHub Actions.