Hayley Wing Yin Kwok

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| **LinkedIn:** [Hayley Wing Yin Kwok](https://www.linkedin.com/in/hayley-wing-yin-kwok/) | **Github:** [@Hayley-Kwok](https://github.com/Hayley-Kwok) | **Pluralsight Profile:** <https://app.pluralsight.com/profile/hayley-kwok> |

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

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| **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 for the data source of 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

**BSc in Computer Science with a Year in Industry | University of Sheffield 2018 - 2022**

* Final Grade: First-Class Honours.
* Dissertation on 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.