# KATIE YANG

3RD YEAR COMPUTER SCIENCE MENG, UNIVERSITY OF WARWICK

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## ABOUT ME

Often described as someone with a great work ethic and who is responsive to feedback, I strive to always complete tasks given at the highest standards. After having undertaken several internships, I am now looking to take the next step in growing my career in the tech industry.

## EXPERIENCE

**22/10/2018 – 26/10/2018**
Work Experience @ IHS Markit
• Helped identify issues with dynamic display of company website on web, mobile and tablet devices
• Carried out research on public key cryptography, followed by presentation to colleagues and a Q&A session

**22/03/2022 – 14/04/2022**
Internship @ SPD Bank
• Worked as part of the IT department to ensure the day-to-day running of the office was smooth, and wrote scripts to automate previously manual tasks

**04/07/2022 – 02/09/2022**
Internship @ TripAdvisor
• Worked as part of the top-of-funnel engineering team within Viator to migrate pages from Dust to React, as well as removing old API dependencies
• Worked with the design team to implement AB tests for new site design

## PROJECTS

• Chore Sharing Application (HTML & CSS, PHP, SQL, JavaScript): Web application with a login system and algorithm to fairly split chores according to weighting, complete with dynamic updates using AJAX and jQuery.
• Scratch Clone (Haskell): Web application using Google Blockly aiming to replicate the programming language Scratch. Interpreter is written in Haskell.
• Mentorship Application (React, Django): Ongoing project, packet-sniffing application that aims to detect SYN attacks and ARP cache poisoning.

## OTHER INTERESTS

• Making art in various medias, both traditional and digital
• Rifle shooting – came 2nd in HSRA Winter Special Junior Competitions

## EDUCATION

**University of Warwick**
• Computer Science MEng
• Obtained 1st grade in first and second year
**St Albans School**
• A-Level: A*A*A*A
• Mathematics, Further Mathematics, Chemistry, Physics
• Two silvers in Senior UKMT
**Queenswood School**
• GCSE: 9A*
• Two golds in Intermediate UKMT, including best in school

## KEY SKILLS

• Working experience with Python, Java, C, HTML & CSS, PHP, SQL, Haskell, JavaScript, Dust and React
• Working experience with GitHub and GitLab
• Experience designing with Figma and other digital illustration software
• Strong mathematical and analytical skills
• Experience working with Linux, Windows and Mac OS
• Fluent in English and Mandarin
• Experience with audio transcription