# JASMINE BROWN

computer science student ● software engineer

## ABOUT ME

An innovative and passionate final year Computer Science student, dedicated to finding technological solutions to complex real-world problems. Proficient in various modern programming languages and capable of quickly picking up new technologies. Outstanding communication and leadership skills gained from exec roles and part-time jobs in hospitality, education and communications industries.

## EDUCATION

**2020 - 2023 ● University of Warwick**
**BSc Computer Science**: on track for a first-class degree, with an average of 77% across first two years. Modules taken include data structures, algorithms, AI, databases, machine learning and software engineering.

**2013 - 2020 ● Invicta Grammar School**
**A-Levels:** A*A*A*A in Maths, Physics, Computer Science & Further Maths plus EPQ (A*) studying the applications of machine learning in crime reduction.

**GCSEs:** 999999987A*A^ with 9s in Maths, triple Sciences, Computer Science, Geography and French

## INTERNSHIPS

**Software Development Engineer Intern**
Amazon | Summer 2022
• Worked in the Video Subscription Offers team to develop an auditing feature for an internal tool
• Learnt best practices for software development, technical documentation and version control
• Developed existing proficiency in **Java** and **ReactJS** as well as learning new skills e.g. **TypeScript** and AWS **cloud technologies** (DynamoDB, API Gateway, Lambda and CloudFormation)

**App Development Intern**
Otium Circle | July-October 2021
• Summer internship as an iOS and Android developer at a start-up. I added features to their existing app: primarily an in-app magazine to drive community engagement
• Decomposed client requirements, designed front-end and implemented back-end
• Learnt and applied technologies such as **Swift**, **Kotlin**, **Java**, **NoSQL** (Firebase) and **Git** (Bitbucket)

**Work Placement**
Firemind | 2019
• Worked alongside a designer and developer to implement basic web components such as navigation bars, menus and animated forms using **HTML**, **CSS** and basic **JavaScript**

**Work Placement**
Cougar Automation | 2018-2019
• Weekly placement with varied responsibilities including working on the SCADA user interface for a water treatment plant and setting up Profibus networks

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**Portfolio:** jasminebrown.me

# EMPLOYMENT BACKGROUND

### Web Assistant
Warwick Students' Union | 2021-22
• Web development in **HTML**, **CSS**, **JavaScript** and some **PHP**, as part of the communications team
• Developed micro-sites for key SU events e.g. Welcome Week, Varsity and club night ticketing
• Coordinated projects such as redesigning Student Voice voting and nomination processes
• Provided regular web support to staff and students (resolved 200+ email requests in last 6 months) and trained staff to use our content management system

### Mathematics & Science Tutor
Self-employed | 2020
• Tutored GCSE students - my Year 11 student improved by two grades in under a year with my help
• Explained concepts, collated resources, shared exam advice and boosted confidence
• Demonstrated ability to convey technical ideas effectively and arrange, plan and lead sessions

### Café Assistant
Mote Park Café | 2019-2020
• Ensured customer satisfaction at all times: took orders and payments; prepared and served food and beverages; and maintained café freshness and cleanliness
• Demonstrated a high level of teamwork and communication by serving customers efficiently

### Team Member
Tiny Town | 2017-2019
• Worked in a fast-paced environment across various customer-facing roles including leading birthday parties; serving customers in the coffee shop; and managing bookings and payments in reception

# LANGUAGES & TECHNOLOGIES

• Java
• Python (incl. Flask, Pandas, Numpy)
• C
• SQL (PostgreSQL, MySQL, SQLite)
• Linux
• LaTeX + BibTeX

• HTML + CSS
• JavaScript (incl. ReactJS and JQuery)
• TypeScript
• PHP
• Swift
• Kotlin

# ACTIVITIES & ACHIEVEMENTS

• **Principal of WarwickTECH** 2021-22: organised our flagship hackathon, WarwickHACK 2022 (which had 210 sign-ups). This role included recruiting and leading a team of 7; pioneering our first hybrid hackathon; securing sponsorship; and forming partnerships with other societies and organisations.
• **Alto saxophone**: Grade 8 Distinction + active member of school Orchestra and Big Band
• **Dancing**: Grade 5 Ballet, Tap & Modern with Distinctions; All Levels Technical teacher and elected exec member (Costumes & Kit Coordinator) for Warwick Tap, 2022-23
• Awarded **Arkwright Engineering Scholarship**, 2018-2020
• Named as an **MLH 'Top 50' hacker** in 2022 out of 150,000 hackers globally
• Achieved AQA Baccalaureate (Distinction) during sixth form, 2018-2020
• Bronze & Silver Duke of Edinburgh's Awards, 2016/2017

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