Zhuoling Zhou

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Education

University of New South Wales

Bachelor of Science in Computer Science   **January 2019 – April 2022**
- CSESoc Projects Subcommittee 2020
- WIT x IBM 2020 Code and Conquer - 3rd place
- Deans Honours List 2019
- 83.4 WAM

Bachelor of Computer Science & Engineering (Honours)   **May 2022 – December 2023 (Expected)**

Professional Experience

UNSW School of Economics   **May 2022 – Present**

Research Assistant
- Managed development, maintenance, and technical responsibilities of an android mobile application for a research project focused on smartphone usage and its effect on mental health
- Automated testing process and improved reliability of collected data by writing tests using Espresso and Mockk, reducing time spent on manual testing by 80%
- Developed a dashboard from scratch to view data in real-time, enabling non-technical stakeholders to access and view experiment data more easily in a readable format
- Optimised data collection by implementing a unique strategy to complement existing approaches, leading to increased confidence and more accurate data being collected

KFC   **November 2018 – March 2020**

Customer Service Team Member
- Maintained high standards of customer service during high-volume, fast-paced operations
- Ensured procedures were followed for safe food preparation, assembly, and presentation

Relevant Projects

LinkUp – University Events Tracker v2 (TypeScript, React, Python, Flask, PostgreSQL)

https://linkupevents.com/
- Co-created an event tracking website for society events at UNSW, tracking over 150+ society Facebook pages with an average of 200 weekly active users and over 15,000 events tracked so far
- Designed and developed a scraper to periodically scrape and upload event data from Facebook
- Set up, deployed, and maintained essential services such as CI/CD pipelines, S3-based custom CDN, serverless backend and more resulting in fast deployments and single-digit monthly operating costs

Arc Clubs Search Interface (JavaScript, HTML/CSS, React)

https://arc.unsw.edu.au/get-involved
- Collaborated with Arc to create a user interface for exploring over 300+ clubs at UNSW, improving user experience by incorporating search within an interactive and organised space
- Coordinated and regularly engaged with marketing and club managers, allowing for increased transparency and constructive feedback and resulting in high satisfaction between both parties
- Set up and implemented search using Algolia to serve relevant results, receiving on average 5,000 search requests per month

Technical Skills

- Languages: Python, JavaScript, TypeScript, Java, Kotlin, HTML, CSS, SQL
- Technologies: React, Node.js, PostgreSQL, Tailwind, Next.js, Prisma, tPRC
- Tools: Git, RegEx, AWS (DynamoDB, Lambda, S3, CloudFront, API Gateway, Route53), Jira, Figma