

Sufan Xia (Max)

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Career Objective

As a recent software engineering graduate, I am eager to secure a Graduate Software Developer position where I can contribute to web or mobile application projects. I aim to leverage my coding and problem-solving skills to develop and maintain quality products. I am committed to furthering my programming expertise through practical work experience, aiming to become a responsible and mature software engineer. I will bring essential customer service, communication, and time-management skills to the role.

Technical Skills

Programming Languages: Java, JavaScript, TypeScript, HTML, PHP, C, SQL, C#, Python

Frameworks: React, Node, Next.js, Web.py

Operating Systems: Windows (XP/Vista/7/10), Linux (CentOS/Ubuntu), Android

Utility: Git/GitHub, Docker, MySQL, Redis, MongoDB, Swagger (API documentation), Microsoft Office (Word, Excel, PowerPoint, Access), MS Project, Adobe Creative Suite (Photoshop, Illustrator, Flash), Unity, Conference, Jira, Slack

Education

- Professional Year, Performance Education, Melbourne, Jan 2019 – Dec 2019
- High School, Cranbrook School, Sydney NSW, Feb 2012 – Dec 2015
- Bachelor of Science (Software and Engineering Systems), The University of Melbourne, Melbourne, Feb 2016 – Dec 2018
- Master of Engineering (Software), The University of Melbourne, Melbourne, Feb 2020 – Dec 2022

Major Projects

1. Navigation App (Android)

Led a team in designing a user-friendly navigation app for older users on the Android platform. Applied Android Studio, Java, and integrated Google Map API for a seamless navigation experience.

2. Twitter Keyword Analytics App (Next.js, Docker)

Developed a real-time Twitter content reader using Next.js. The app retrieves and analyzes Twitter content from the Melbourne area, providing statistics on the frequency of specific keywords. The results

are displayed in a web application. Docker was used for containerisation, and the app was deployed on the University's cloud server.

3. Warehouse Management Web App (React, Express, MySQL, Windows Server)

Solely developed and deployed a Warehouse Management System using React for the front end and implemented an Express-based RESTful backend structure. This system facilitates the recording and querying of company equipment's entry and exit records. MySQL was used as the database, and the deployment server ran on Windows Server.

4. AsiaLink Website Redesign (Next.js, redis, MongoDB)

Worked with a team of graduates on a project in partnership with the 'AsiaLink' art department at the University of Melbourne. The project transformed a mostly static content display website into an innovative and interactive web platform, integrating charts and interactive maps on the front end to achieve data visualisation and showcase AsiaLink's art exchange activities in the Asia-Pacific region.

5. Full Stack Personal Portfolio (React, Node.js, MySQL, Express.js)

An ongoing full-stack hobby project. The goal is to demonstrate a variety of development skills including version control, project management and deployment, issue tracking, testing, front-end UI/UX, API development and database management. The project landing page has been launched. Project link: <https://www.xiasufan.com> (click to view my online portfolio)

Employment History

1. Web developer Intern, ICG Groups Pty Ltd, Melbourne, Jan 2019 – Dec 2019

Participated in the development of the company's student management system, involving database entry, maintenance, and testing.

2. TikTok Influencer, Jan 2019 – Dec 2022

Achieved a milestone of 1 million subscribers on TikTok and collaborated with record labels. Proficient in using popular apps and comprehending their operational modes. This background equips me with valuable insights for analysing and understanding product requirements during software development.

Personal Attributes

- Analytical Thinker: Proficient in identifying problems and implementing effective solutions.
- Multilingual: PTE English test overall score 90, fluent in Mandarin, with a sound understanding of Japanese and Cantonese.
- Enthusiastic Learner and Practitioner: Eager to apply acquired skills in a practical setting, while also driven to continuously learn and acquire new abilities in the field.
- Hobbies: Indie game development, guitar, pixel art and more

References

Available upon request