

SHUANGKUN FAN

✉ imswagk727@gmail.com ◇  LiknedIn Profile ◇  Github Profile ◇  imswagk727.github.io

EDUCATION

University of Melbourne

Melbourne, AU

Master of Information Technology, Computing

Expected 2024

Relevant Coursework: Introduction to Machine Learning, Distributed System, Database.

Monash University

Melbourne, AU

Bachelor of Information Technology, Software Development

2020 - 2022

Relevant Coursework: IOS & Android app development, Project management, Software Quality and Testing, Usability, System Development, Data Visualisation, etc.

SKILLS

Technical Skills

Java, Python, SQL, Angular, Vue.js, Node.js, Vega-lite, Tableau

Soft Skills

Working smoothly and effectively as a team, effective communication

Problem-solving skills

Critical thinking, Developing both creative and practical solutions.

EXPERIENCE

Front-End Development Intern

Nov 2023 - Feb 2024 (Expected)

China Electronics Technology Group Corporation (CETC)

Henan, CN

- Assisted in the development of dynamic and responsive UI using Vue.js, improving the website experience.
- Managed website content update and maintenance based on the requirements, to ensure that the website information is relevant in real time.

Development Intern

July 2023 - Nov 2023

Covestro

Shanghai, CN

- Front-End Development: Implemented responsive and intuitive user interfaces using Angular, enhancing the overall user experience and visual appeal of web applications.
- Created robust and efficient backend services with FastAPI in Python, contributing to improved system performance and reliability.
- Set up AWS Cognito Single Sign-On (SSO) for the site, and restrict access to authorized internal users, ensuring a secure and seamless authentication process across applications.

Software Developer

Mar 2022 - Nov 2022

Monash University

Melbourne, AU

- built a Yoga course website using CakePHP and Bootstrap library, with a focus on implementing Agile methodologies and Continuously improved the website based on client feedback and needs.
- Integrated Stripe payment gateway with the system, and demonstrated an understanding of payment integration with the website that allows customers to book and purchase yoga courses online.
- Conducted and gained experience in requirements gathering and analysis to determine the client's needs and ensure that the website met their specifications.

Research Assistant

June 2022 - July 2022

Monash University

Melbourne, AU

- Worked with a team to design and implement the alias analysis function, which is vital to constant propagation and benefits type checking and API name qualifying.

- Demonstrated a solid understanding of the API lifecycle and how it is applied to the development and maintenance of software APIs.
- Gained experience in using project management tools to collaborate with team members and manage project, and using Git version control to manage source code with other developers.

AWARDS

- Monash University - Winter Vacation Research Scholarship

July 2022

PROJECTS

Yoga Tree Learning

Developed an online yoga learning website using CakePHP and JavaScript with a team and integrated Stripe payment gateway to facilitate secure and convenient purchases. The client was able to efficiently manage their yoga courses, saving time and resources, and the client was satisfied with the projects. ([Project link](#))

Scalpel: The Python Static Analysis Framework

Contributed to the development of an open-source framework for Python static code analysis, focusing on the alias analysis function of the framework for identifying deprecated API and facilitating API migration. ([Project link](#))

BallerHub: IOS application

A self-developed project that provided real-time updates on the latest NBA league scores and statistics with a sleek and user-friendly interface, the iOS app leveraged public APIs to gather data. ([Project link](#))