

ZHENGFEI XIANG

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EDUCATION

Cornell Tech, Cornell University, New York, NY Aug 2021 - May 2023
Master of Science in Computer Science and Information Systems | GPA: 3.6
Honors/Awards: Cornell Tech Merit-Based Scholarship

Sichuan University, Sichuan, China Sept 2016 - June 2020
Bachelor of Engineering in Software Engineering | GPA: 3.6
Publication: Yue Wu, **Zhengfei Xiang**, Peisen Xu: Privacy Protection and Authorization Control System based on Android. [C] IEEE 2019 International Conference on Civil Aviation Safety and Information Technology. 240-243.

National University of Singapore, Singapore, Singapore July 2019 - Aug 2019
Summer Exchange Student | GPA: 4.0

TECHNICAL SKILLS

- **Programming Language:** Java, Python, JavaScript, Typescript, C/C++, HTML, CSS, SQL, LaTeX
- **Frameworks:** React, Comet, GraphQL, Flask, Jest, Spring/SpringBoost, Express, TensorFlow
- **Services/Tools:** Git, Mercurial, MongoDB, Amazon Web Services, Heroku, Google Firebase, Microsoft Azure, Axure, Figma

WORK EXPERIENCE

McKinsey & Company, Engineer I, New York, NY July 2023 – Present

- Developed and delivered new business platforms for clients in the agriculture industry; transformed end-users' digital experience and achieved more than **50%** time saving for over **40K+** farmers.
- Applied **React** for front-end development, owned the whole workstream for **2 epics** and finished over **50+** tasks in 6 sprints.
- Conducted technical feasibility research for integrating **3** agriculture software; worked with product manager, designers, and engineers to design new features and built MVPs with Robotic Process Automation tools to test out product ideas.

Meta (formerly Facebook), Software Engineer Intern, Menlo Park, CA May 2022 – Aug 2022

- Implemented the new user interface of core monetization features of Facebook Communities cross functional with product team, launched in over **10 million** groups in **6** countries, improved receiver experience and promoted community engagement by **30%**.
- Developed the community awards new user guide and admin notification feature, which increased the conversion rate by **40%**.
- Designed GraphQL data schema with server-side engineers and fulfilled data logging with data science team to gain user behavior insights and inputs for machine learning models. Implemented **20** Jest e2e tests which improved test coverage rate by **18%**.

Tencent, Technical Product Manager Intern, Chengdu, China May 2020 – Sept 2020

- Led one mobile game launch in Japan, which ranked **#1** on Japanese App Store within **24** hours, with **1 million** downloads in the first week. Initiated business adjustment, localization, and game functions adjustment based on local customer engagement test.
- Managed the mobile game version update in **5** different regions, covered more than **40** versions and increased DAU by **15%**.
- Created over **60** product requirements with business team and applied DevOps platform to manage project process with over **30** software engineer developers and quality assurance team, **100%** of versions were released within the scheduled time.

BMW Group, Software Engineer Intern, Shanghai, China Sept 2019 – March 2020

- Built one Internet of Vehicles project with local vehicle service provider, developed the mid-layer communication interface between BMW backend and IoV provider by Node.js, and conducted the project field test under **3** application scenarios.
- Developed a Python data crawler and applied Crunchbase API to collect more than **900** venture capitals and startups' investment and financing situation, main stakeholders, as well as scales information, to seek potential cooperation opportunities with BMW.
- Extracted and cleaned more than **40,000** records from internal driving behavior database; conducted data analysis and modeling work through regression methods, artificial neural network in Python, led to accuracy of more than **90.0%**.

PROJECTS

Cornell Tech Connective Media Specialization Project, (React, Node.js, JavaScript) Jan 2022 – Dec 2022
Cornell College of Agricultural and Life Sciences Alumni-Student Matching Platform (advisor: Ian Geller, Spotify Global Business Head)

- Led the team conducted user research with alumni and student representatives to design and build Cornell networking platform.
- Build the platform user interface and developed the matching algorithm based on graph theory to achieve optimal matching

China Collegiate Computing Contest, (JavaScript) Summer 2019
Calorie intake and consumption recorder chatbot on Tencent WeChat MiniProgram (**National Third Prize**)

- Created an interactive platform allowing users to record their daily calories consumption in the innovative form of chat box
- Implemented data visualizations based on ECharts, and integrated Discuz! as internal forum platform to promote user activities, attracted more than 200 daily active users in average.