

Feng Jiang

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EDUCATION

University of Southern California, Viterbi School of Engineering

Aug 2020 - May 2022

Master of Computer Science, CS Honor Program, GPA: 3.94/4.0

Los Angeles, CA

Relevant Coursework: Web Technology, Algorithm Analysis, Operating Systems, Foundations of Artificial Intelligence

Jiangnan University, Digital Media School

Sep 2016 - June 2020

Bachelor of Digital Media Technology, graduating with honors, GPA: 3.79 /4.0

Wuxi, China

Honors: National Scholarship 2018 (0.2%), First-Class Academic Scholarship 2018, 2019 (5%)

SKILLS

- Languages: Swift, JAVA, JavaScript, Python, C++
- Web Technologies: Node.js, Express.js, Vue.js, Flask, Angular, Bootstrap, Ajax, GCP
- Frameworks and Tools: SwiftUI, Git, Maven

WORK

Teaching Assistant for two classes of graduate students

Aug 2021 – May 2022

University of Southern California

Los Angeles, CA

Content for the class of Web Technology: HTML, CSS, JS, Bootstrap, Web Server, Node, Angular, Flask, iOS app

Content for the class of Algorithm Analysis: Stable Matching, Greedy, Divide and Conquer, Dynamic Program, Network Flow, NP-completeness

Responsibilities: Hold discussion lectures and office hours for students. Create homework problems and exam inputs

Software Engineer Intern, Information Security Department

Jul 2019 - Aug 2019

JD.com, Inc.

Beijing, China

- Established a visualization system using ECharts to display internal API's calling count
- Established a notification system in **Java** to alert a large number of API's calling and send weekly summary by email. Alerted around 80 times per week. Improved the overall online security of the department,
- Rewrote department's internal websites using **Vue.js**. Improved the performance and appearance of these websites
- Created lots of Vue.js template components. Saved 1/3 future time for website development.

PROJECTS

Split Bills easily | Swift, SwiftUI, Core Data | Independent development

Jan 2022 - Feb 2022

A handy tool for split bills with friends available on App Store, compatible with iPhone and iPad

- Developed in **Swift, SwiftUI, Core Data** without third-party frameworks, making it super-fast and small
- Designed simple, elegant, user-friendly **UI/UX**
- Scan the right QR code to download it and try it now



Go Connect Mini Program | JavaScript, HTML5, CSS, Less | Independent development

Dec 2021 - Jan 2022

A WeChat Mini Program for a start-up in UChicago, showing campus activities.

- Developed front-end and login function using **WeChat native framework** (like Vue) and WeChat Cloud Function
- Stored information in **WeChat Cloud Database**
- Scan the right graph in the WeChat app and try it now



Weather Search Website and iOS App | Angular, Bootstrap, SwiftUI, Node.js, GCP | Course Work

Oct 2021 - Dec 2021

A responsive and cross-platform app that can search future weather for any location and provides excellent charts and maps.

- Developed front-end using Bootstrap, **Angular**, and HighCharts, with API from Google Map and IPInfo.io
- Developed iOS App using Swift and **SwiftUI**
- Developed back-end Restful API using **Node.js**, with API from Tomorrow.io and deployed on **Google Cloud Platform**

Operating system kernel | C, Linux | Group Course Work

Jan 2021 - May 2021

A Unix-like toy OS written in C on Ubuntu, including the following modules:

- **Process and thread module**, allowing the root process to hold and kill multiple sub-processes and threads
- **Virtual File System Module**, allowing the OS to read and write data from extended disk
- **Virtual memory module**, allowing the OS to run programs that require more memory than the actual memory size