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[PORTFOLIO](#)

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SKILLS Java, Swift, Python, MATLAB, SpringBoot, MybatisPlus.

TECHNICAL EXPERIENCE & PROJECTS

Course Project: IOS Carpooling App, WashU – St. Louis, Missouri Oct 2021 - Dec 2021

- Using Swift to develop a social media IOS App "Together" that motivates strangers to hang out and spill costs.
- Responsible for GUI part and implementation of some logics of user profile, register, log in, view controller as well as auto layout of the application.
- Collaborated with teammates to build back-end using AWS Service.

Course Project: IOS Mobile Movie Search App, WashU – St. Louis, Missouri Sep 2021 - Oct 2021

- Using Swift to built a movie searching IOS app for users to search for and watch trailers of specific movies.
- Used Swift to do GUI design, pulled data from TMDb API and populated it in collection view with multiple columns.

Software Developer Intern, Xi'an University Of Posts & Telecommunications – China Sep 2020 - Dec 2020

- Collaborated with software engineers to develop and test application procedures for a school website called "ZhiYun", which is an education and teaching management platform.
- Used HTML, CSS, JavaScript, and LayUI to build front-end layout and use MySQL as database and Tomcat as server.
- Met with a head programmer on a weekly basis to provide detailed project reports and milestone updates.

Project: Back-end implement of "Second Kill" online shopping website– China July 2019 - Sep 2019

- Used SpringBoot to integrate dependencies and configurations and used MybatisPlus to integrate DAO layer code.
- Used Redis for data cache, distributed Session storage, page cache and distributed lock settings;
- Used MD5 for password encryption, achieving simple interface traffic limiting, verification code verification, seckill address hiding and other security-related functions.

First author, Research and Design of Wireless Communication Module Based on Single Chip Microcomputer on The 2019 International Conference on Wireless Communication and Smart Grid (ICWCSG 2019), ICWCSG-163, 05.06.2019

EDUCATION

Master of Engineering: Electrical Engineering, Washington University in St Louis - St Louis, MO Jan. 2021 - Current

- Relevant Coursework: Computer Systems Architecture, Mobile Application Development, Introduction to Machine Learning, and Pattern Classification.
- Received: McKelvey School of Engineering Master's Pathway Scholarship.

Bachelor of Engineering: Sept. 2016 - Jun. 2020

Communication Engineering, Xi'an University of Posts & Telecommunications - China

- Relevant Coursework: Data Structure and Algorithm, Introduction to Computer, C Language Programming, Operating System, IP Network Foundation, and Experiment.