

YU-JIE JESSICA WU

San Diego, CA 92037 | (949) 617-4454 | yujiew77@gmail.com | [jessiwu.github.io](https://github.com/jessiwu) | [linkedin.com/in/yu-jie-jessica-wu](https://www.linkedin.com/in/yu-jie-jessica-wu)

EDUCATION

University of California, Irvine Irvine, California
Master of Computer Science

Sep. 2020 - Dec. 2021

National Central University, Taiwan Taoyuan City, Taiwan
B.S. in Computer Science and Information Engineering
GPA: 3.7 / 4.0

Sep. 2016 - June 2020

Coursework: Data Structure, Algorithms, Compiler, 3D Computer Graphics, System Component Design for Emerging Memory and Storage Technologies, Cloud Computing, Artificial Intelligence

TECHNICAL SKILLS

Languages Python, C#, C++, Java, JavaScript,

Frameworks & Tools React, Android, Google Cloud Platform, Git, .NET, Restful API

EXPERIENCE

Qualcomm San Diego

Mar. 2022 - Present

Software Engineer (Windows DevOps team)

- Automated the driver signing process by developing an end-to-end automation script in Python
- Improved the existing logging feature for a C# project by storing the logs in MS SQL database with Visual Studio
- Performed bi-weekly hardware testing on devices for the new release builds on Windows platform

Qualcomm Off-site (San Diego Based)

Summer 2021

Interim Engineering Intern (Windows Platform SW)

- Integrated new features for Audio Settings Tool UWP app for Windows on Snapdragon Platform Device
- Implemented frontend/backend communication between user interfaces and audio driver with UWP API in C#
- Collaborated with cross-functional software teams to verify and debug software stability issues

CyberLink Corp. New Taipei City, Taiwan

Summer 2019

Mobile Software R&D Summer Intern (Android)

- Implemented email crash report for PowerDirector Android to assist engineers to analyze app crashing statistics
- Fixed frontend bugs for PowerDirector Android to make title animation move smoothly for better user experience
- Performed a cache to record users' daily usage for reducing workloads of backend server

SOFTWARE ENGINEERING PROJECTS

isleT, A Teachers Rating App

- Developed a teacher rating app with Flutter framework, where users can view ratings and reviews of professors by typing professors' last name
- Increased data scalability by redesigning professor data in Google Cloud Firestore and implemented user authentication features with Google Firebase

TheLitterPicker.com, a puppy transaction website

- Developed an interactive puppy transaction website frontend with React framework in JavaScript
- handled RESTful requests with Google Cloud Platform to retrieve, update dog information database

IMFS, In-memory File System based on FUSE

- Built an in-memory file system similar to the second extended filesystem (EXT2) architecture with FUSE
- Supported basic Linux filesystem commands including cd, ls, mkdir, rmdir, touch, etc