Yu Jie Jessica Wu

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EDUCATION

University of California, Irvine Irvine, California — Dec 2021
Master of Computer Science — *(Expected)*

National Central University Taoyuan City, Taiwan — Jun 2020
B.S. in Computer Science and Information Engineering
Overall GPA: 3.7 / 4.0

TECHNICAL SKILLS

Languages C/C++, Python, Java
Frameworks & Tools Git, Flutter, Google Cloud Firestore, Android, FUSE

INTERNSHIP EXPERIENCE

CyberLink Corp. New Taipei City, Taiwan — Jul 2019 - Aug 2019
Mobile Software Development Summer Intern
- implemented crash report feature for PowerDirector app
- implemented cloud service feature for PowerDirector to apply new updates
- fixed front-end bugs for PowerDirector to make animation move more smoothly

SELECTED SOFTWARE PROJECTS

isleT, A Teachers Rating App (in progress)
Individual Developer | Dart
- built a rating app using Flutter as frontend, Google Cloud Firestore as backend
- supported search functionality feature: user can search teachers by last name

IMFS, In-memory File System based on FUSE
Individual Developer | C
- implemented a file system based on EXT2 architecture with FUSE framework
- supported basic commands including cd, ls, mkdir, rmdir, touch, etc

3D Graphics Drawer in OpenGL
Individual Developer | C++
- built a C++ program to draw objects in 3D space in OpenGL with my own drawer APIs
- implemented the Mid-Point Line and Circle drawing algorithm in C++

Laptop Canny Edge Detector
Individual Developer | Python
- implemented self-defined Canny Edge Detection from scratch in Python
- displays the edges of Live images recorded from the laptop camera