

# YU-JIE JESSICA WU

Irvine, CA 92612 | (949) 617-4454 | [yujiew19@uci.com](mailto:yujiew19@uci.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

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

Sep. 2020 - Dec. 2021(Expected)

**National Central University, Taiwan** Taoyuan City, Taiwan  
B.S. in Computer Science and Information Engineering  
GPA: 3.7 / 4.0 Awards: Dean's List (Top 5%), 2020  
Coursework: Data Structure, Algorithms, Compiler, 3D Computer Graphics, System Component Design for Emerging Memory and Storage Technologies, Cloud Computing

Sep. 2016 - June 2020

## TECHNICAL SKILLS

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**Languages** C++, Python, Dart, Java, C,  
**Frameworks & Tools** Flutter, Android, Google Cloud Platform, Git, FUSE

## EMPLOYMENT

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**CyberLink Corp.** New Taipei City, Taiwan  
Mobile Software R&D Summer Intern (Android)

Summer 2019

- 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

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### isleT, A Teachers Rating App (in progress)

*Individual Developer / Dart*

- 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 data structure of professor in Google Cloud Firestore, so frontend performs collection group queries to retrieve professor data from different schools
- designed user interface of search bar, review page, account register, user login

### IMFS, In-memory File System based on FUSE

*Individual Developer / C*

- built an in-memory file system similar to EXT2 architecture with FUSE framework
- supported basic Linux filesystem commands including cd, ls, mkdir, rmdir, touch, etc

### 3D Graphics Drawer in OpenGL

*Individual Developer / C++*

- built a rendering drawer API to display object graphics in 3D space, implementing computer graphics drawing algorithms from scratch with OpenGL and C++ language

## ADDITIONAL EXPERIENCE & ACTIVITIES

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- Student Dormitory Network IT Support, Computer Center, National Central University (2016 - 2020)
- Undergraduate Student Association, Computer Science and Information Engineering Department (2017 - 2018)
- Women's Basketball Team, National Central University (2019 - 2020)
- Campus Student Reporter, National Central University (2019 - 2020)