

YU-JIE JESSICA WU

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EDUCATION

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

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

EMPLOYMENT

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

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

- 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)