

Yu Jung Lee

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Summary

- 3+ years of experience in full-stack software development.
- Proficient in front-end framework (Vue.js) and back-end programming languages (C++).
- Experienced in integrating open source projects into products and building with different toolkits.
- Skilled in working independently while also thriving in collaborative team environments.

Skills

Languages C/C++, Typescript/JavaScript (Vue.js, Ext JS), Python, Matlab.

Database PostgreSQL, SQLite, Redis

Miscellaneous Linux, Shell Script, GitLab, CMake, GDB.

Work Experience

Synology Inc

Product Developer

Taipei, Taiwan

Nov 2021 - Current

- Developed server-side features for a mail application like Gmail.
 - Implemented logging features for auditing SMTP and IMAP/POP3 sessions, consolidating delivery status, user connections, and security events for better tracking and issue detection.
 - Researched modern email authentication protocols like DANE and ARC to enhance security and compliance.
- Participated in the ongoing overhaul of a calendar-like application from ExtJS to Vue3 and TypeScript, establishing a components library and integrating linting tools into the CI pipeline and pre-commit hooks for consistent coding styles.
- Conducted a survey and developed a scalable PostgreSQL server application, featuring dynamic member addition, load balancing, automatic failover, and customizable configurations.
- Maintained and upgraded PostgreSQL and Apache HTTPD projects to ensure seamless integration with applications while enhancing security by addressing CVEs.

Education

National Taiwan University

Master of Science: Mechanical Engineering

Taipei, Taiwan

Sep 2019 - Jul 2021

- Selected Courses: Data Structure and Algorithm, Operating System, Compiler Technology of Programming Languages
- Work as student advisor of NTU Winter Program in Office of International Affairs

Okayama University

Exchange Program Okayama (EPOK)

Okayama, Japan

Sep 2017 - Aug 2018

National Taiwan University

Bachelor of Science: Mechanical Engineering

Taipei, Taiwan

Sep 2013 - Aug 2018

- Minister of Multi-Media Department in pop dance club

Interests

Hiking, photography, street dance, drama.