# Wai Yan Phyo (Justin)

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## Experience

**Software Engineer**                                                                                       **January 2022 - April 2024**

*Expedock (San Francisco, CA)*
- Implemented real-time data aggregation by utilizing Snowflake, optimizing processing time by more than 50% and improving data accuracy and reliability for reporting analytics on customers' dashboards
- Designed and implemented a multi-tenant authentication system using Google's Identity Platform, allowing users from different organizations to securely log in and access personalized data
- Developed a feature that allows operators to create personalized portals for individual customers, enabling their clients to access and review personalized data seamlessly
- Developed automated end-to-end tests using Playwright framework; integrated tests with Xray on Jira for streamlined test management and traceability of test results

**Software Engineer Intern**                                                                         **May 2021 – August 2021**

*Rimble (Berkeley, CA)*
- Designed and implemented a WebSocket which allows clients to receive streams of live processed data periodically from the machine learning team without having to make multiple API calls
- Designed and implemented a feature that allows users to make custom queries from a database through query parameters in REST API calls
- Designed and implemented a Lambda script to automate the testing of REST API calls to check if all endpoints are working as intended
- Developed in Python and AWS services such as Lambda, DynamoDB, APIGateway, and S3

**Academic Intern**                                                                                 **August 2019 - December 2019**

*University of California, Berkeley*
- Assist CS 61A: Structure and Interpretation of Computer Programs students with their homework, labs, projects

## Education

**University of California, Berkeley**                                                                          **December 2021**
- Electrical Engineering & Computer Science Undergraduate

## Skill

**Languages**
- Python | Java | TypeScript | JavaScript | C | C++ | HTML | CSS | SQL | Ruby | Scheme | Golang

**Frameworks/Tools**
- Flask | Java Spring Boot | React.js | Amazon Web Services | SQS | S3 | Lambda | EC2 | Auth0 | Git | Ruby on Rails | Google Cloud Identity Platform | Snowflake | Elasticsearch | NoSQL | dbt | Docker

## Project

**RoomPals**
- Developed a web application using Django to streamline chore management for roommate groups, enhancing communication and organization
- Enabled users to create, join, or leave apartments and assign chores to other members within the same apartment