Wai Yan Phyo (Justin)

Berkeley, CA • justinphyo@berkeley.edu • (626) 510 – 4507

justinphyo.github.io • linkedin.com/in/wai-yan-justin-phyo-181b77191

Education

University of California, Berkeley *GPA: 3.66*   **Expected December 2021**

- Electrical Engineering & Computer Science Undergraduate
- Relevant Courses
  - Software Engineering | Computer Security | Efficient Algorithms and Intractable Problems | Operating Systems and System Programming | Data Structures | Machine Structures

Skill

Languages

- Python | C++ | Java | Scheme | SQL | C | HTML | CSS | C# | Ruby | JavaScript | Go

Frameworks

- Ruby on Rails | Django | Bootstrap

Tools

- Git | Unity | IntelliJ | Jupyter Notebook | gdb | Heroku | Travis CI

Project

RoomPals

- Designed and programmed a web app to keep track of chore lists among a group of roommates
  - Built upon Django's MVT and deployed on Heroku
  - Utilizes sqlite3 on development and PostgreSQL on Heroku
- Users can assign chores to their roommates who are in the same apartment
- Users can create, join, or leave apartments at any given time

Gitlet (Data Structures)

- Developed a version-control system that mimics some of the features of Git
  - Some of the features include: init, add, commit, rm, status, checkout, branch, reset, merge
  - Designed a graph-like structure with folders and files to keep track of the versions and the contents of each version, hashing each version with SHA-1 hash value

Experience

Academic Intern   **Present – December 2019**

University of California, Berkeley

- Assist CS 61A: Structure and Interpretation of Computer Programs students with their homework, labs, projects, or any questions they have related to the class materials
- 3-hour commitment per week

Academic Coach   **September 2018 – June 2019**

TRiO Upwward Bound

Mount San Antonio College, Walnut, CA

- Mentored first generation, and underrepresented high school students to succeed in higher education
- Planned informational events about the education system for the parents of the students