

# Wai Yan Phyo (Justin)

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## Education

**University of California, Berkeley** GPA: 3.50

**Expected December 2021**

- Electrical Engineering & Computer Science Undergraduate
- Developed a working interpreter for Scheme using Python
  - Data Structures, Discrete Mathematics and Probability Theory, Machine Structures

## Project

**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, log, global-log, find, 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

**Personal Website**

- Coded an HTML and CSS based website which contains information about personal self, projects, and contacts
- Published on justinphyo.github.io

## Skill

**Languages**

- Python | C++ | Java | Scheme | SQL | C | RISC-V | HTML | CSS | C#

**Tools**

- Git | Unity | IntelliJ | Jupyter Notebook

## 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 Upward Bound*

*Mount San Antonio College, Walnut, CA*

- Mentored low-income, 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

## Extra curriculum

**Badminton**

*University of California, Berkeley • Mount San Antonio College • Rowland High School*

- Co-founder of the badminton clubs at Mount San Antonio College and Rowland High School
- Member of the badminton club at UC Berkeley