

Wai Yan Phyto (Justin)

Berkeley, CA • justinphyto@berkeley.edu • (626) 510 – 4507
Justinphyto.github.io • linkedin.com/in/wai-yan-justin-phyto-181b77191

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 justinphyto.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

