

Phat Pham

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EDUCATION

UC BERKELEY

BA IN COMPUTER SCIENCE

College of Letters and Science

Expected May 2018 | Berkeley, CA

LINKS

Github:// [phatlast96](#)

LinkedIn:// [phamphat](#)

Twitter:// [@PhatPham96](#)

Quora:// [Phat-Pham-2](#)

Design Portfolio:// [gDrive](#)

COURSEWORK

UNDERGRADUATE

Foundations of Data Science

Machine Structures

Data Structures

Linear Algebra and Differential Equations

The Structure and Interpretation of

Computer Programs

SKILLS

PROGRAMMING

Advanced:

Java • Python

Proficient:

C • CSS • HTML • Javascript • \LaTeX •

Photoshop • Illustrator

Beginner:

Swift • iOS • Meteor.js • MySQL • Unix

ACTIVITIES

UNDERGRADUATE

CS Scholars, Pokers at Berkeley, UC Rally

Committee, Hall Association

EXPERIENCE

RESIDENTIAL HALL ASSOCIATION OF UNIT 1

(DEUTSCH/SLOTTMAN) | SOCIAL VICE PRESIDENT

Sept 2015 – May 2016 (Two Terms of Office) | Berkeley, CA

- Oversee the planning and execution of social activities events in the Hall or Hall Association.
- Create and oversee a comprehensive calendar of Hall Association events, when applicable, working with hall staff members (i.e. CLA) in charge of programming.
- Work closely with the Publicity chair on publicizing the social events.
- Carry out other duties as set forth in the Hall Association Bylaws and Residence Hall Assembly Constitution or assigned by the Hall Association.
- Created, maintained, and strengthened the association's online presence.

UC BERKELEY | CS 61A LAB ASSISTANT

Sep 2015 – Dec 2015 | Berkeley, CA

- Debug students' program, and guided students through their mistakes.
- Clarified computational concepts to students.

PROJECTS

GITLET | JAVA

Fall 2015 | Class Project

- Implemented a simpler version-control system of Git.
- Parsed various commands from the terminal.
- Learned various Git commands as well as the underlying system behind it.

LINES OF ACTION | JAVA

Fall 2015 | Class Project

- Created an AI for the the game using alpha-beta pruning.
- Implemented the logic for the game, which is played on the terminal.

A SMALL DATABASE SYSTEM | JAVA

Fall 2015 | Class Project

- Implemented the logic of the SQL database.
- Parsed input commands from the terminal in order to store, search, and create databases.

SCHEME INTERPRETER | PYTHON

Spring 2015 | Class Project

- Built a Scheme interpreter using Python.

IOS MINI-PROJECTS | IOS, SWIFT

Winter Break 2015-2016 | Personal Project

- Built a calculator based on the MVC framework. (Foundation, UIKit)
- Built a temperature conversion with map integration. (Mapkit, Foundation, UIKit)