Kassy Pak

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EDUCATION

University of San Francisco
B.S. Computer Science • 3.3 GPA
San Francisco, CA • Expected May 2022

SKILLS

Proficient: Python • Java • C • Git
Familiar: Swift • HTML5 • CSS • JavaScript
Tools: Xcode • IntelliJ • PyCharm

COURSEWORK

Intro to Computer Science I (Python)
Intro to Computer Science II (Java)
C and Systems Programming

RECOGNITION

USF Beginner Best App for Diversity &
Inclusion Hackathon Spring 2019

EXTRACURRICULAR

Codepath iOS Mobile App Design
Spring 2020

Google Student Developer Club
Co-Events Planning Chair
Fall 2019 - Present

Women in Tech
Member
Fall 2018 - Present

Diversineers
Member
Fall 2018 - Present

Philosophy Club
Member
Spring 2019 - Fall 2019

PROJECTS

Flashcard iOS App   *Spring 2020 - Ongoing*
• Allows users to create multiple flashcards using a struct and array.
• Created Flashcards will be saved on UserDefaults allowing re-use.
• User can edit flashcard questions, answers, and add multiple choice answers.
Utilized: Swift, Xcode

Pong Game   *December 2019 - Ongoing*
• Used Turtle graphics to create GUI window screen, pong paddles, and ball.
• Created functions for keyboard input to control movement of pong paddles.
• Created function to manage ball collision on borders and ball movement.
Utilized: Python, Pycharm

Password Strength Meter & Generator   *Fall 2019*
• Allows user to check if their password meets the requirements as a strong password.
• Randomly generates a default password to meet requirements as a strong password.
• Uses pointers to carry values and pass through functions.
Utilized: C

EXPERIENCE

Lead Teacher *BytesforBits*
May 2019 - Present || San Francisco, CA
• Teaching K-8 students algorithmic thinking and fundamental computer science concepts through coding platforms, such as Codespark, Kodable, Hopscotch, Scratch, and Code.org.

• Assisting advanced students with courses and exercises from coding platforms, such as FreeCodeCamp.org, CodingBat, and other tools based on student interest.

• Promoting a safe-learning environment for kids to learn and engage in coding-activities.

USF101 Peer Mentor *University of San Francisco*
August 2019 - November 2019 || San Francisco, CA
• Aided in the successful transition of new students to USF by serving as a role model, mentor, and resource.

• Collaborated with the class instructor in planning class activities, assignments, and facilitation during class meetings.

• Encouraged engagement, satisfaction, and leadership development of first-year students.

Volunteer CS112 Teacher Assistant *University of San Francisco*
August 2019 - October 2019 || San Francisco, CA
• Assisted students one-on-one in class exercises and answer questions relating to class assignments about Java and computer science concepts.

• Reviewed students' code for functionality and efficiency, and provide comments on tips for improvement.

• Collaborated with other teaching assistants to guide students through class assignments and projects.