





# IRVIN TANCIOCO

Aspiring Software Developer/ Engineer who is analytical, adaptive, innovative, team-oriented, and passionate in exploring human-centric designs and experiences using technology

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## TECHNICAL SKILLS

Python, Java, C, C++, Jupyter, Octave/MATLAB, HTML, CSS, JavaScript, WordPress, GitHub

Adobe Suite: Photoshop, Illustrator, Dreamweaver

Basic Engineering Skills: Schematics Reading, Soldering, Circuit Design

## HIGHLIGHTED PROJECTS

### SOKOBAN

Spring 2022

- Collaborated on a team project in developing a web-based gaming software program and utilizing tech stacks like C++, Emscripten, WASM, and Puppeteer on the backend and HTML, JavaScript, CSS on the front-end onto a market-ready viable product.
- Implemented a breadth search first to handle click event listener to move player to a valid destination optimally.
- Contributed to an end-to-end testing.

## EDUCATION

### UNIVERSITY OF CALIFORNIA, BERKELEY

Class of 2023

MAJOR: B.S. in Electrical Engineering and Computer Science

RELEVANT COURSEWORK: Algorithms (CS170), Signals and Systems (EE120), Optimization models (EECS127), Data Structures (CS61B), Information Devices (EECS16A/B)

### CITY COLLEGE OF SAN FRANCISCO

Class of 2020

MAJOR: A.S. in Computer Science (with Highest Honors); A.S. in Mathematics (with Highest Honors); A.S. in Science and Mathematics (with Highest Honors). GPA: 3.94

SCHOLARSHIPS: APIASF/ AANAPISI; Osher Endowment Scholarship; CCSF Faculty Association Scholarship

## EXPERIENCE

### TAX PREPARATION

Self-Employed

Jan 2015 – May 2021

- Guided and prepared tax forms for 750+ clients in compliance with the most current tax laws and regulations with 94% accuracy

### LEAD TEACHER-ASSIST

CCSF CS Department

Aug 2017– May 2018

- Dedicated 320 personal hours in guiding a team of 5 teachers assistants who mentored 100+ students with programming literacy and facilitated experiential learning through constructive feedbacks on the content, style, and efficiency of their programs

### WEBMASTER/ WEB DESIGNER

Aug 2013 – Dec 2018

- Performed pro-bono on professional front-end website design and maintenance
- Strategized and deployed digital presence and print media for 7 small local companies targeting over 7 million people