

Shane Waxler

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CAREER GOALS

Nearly graduated Computer Science student seeking to [insert thing here about company I'm applying to]

EDUCATION

San Francisco State University

Bachelor of Science, Major in Computer Science, Minor in Mathematics

- Major/Minor GPA: 3.70

San Francisco, CA

Expected May 2022

EXPERIENCE

Teacher Assistant - CSC 665/865: Artificial Intelligence

SFSU - Computer Science Department

November 2021 – Present

San Francisco, CA

- Host weekly office hours and online help for class-related material.
- Promptly respond to questions on Slack, Discord, and iLearn regarding help with assignments.
- Wrote an [autograder](#) which grades students' assignments and rigorously checks for plagiarism with MOSS.

Machine Learning Researcher

PeRL at SFSU

August 2021 – February 2022

San Francisco, CA

- Assess and predict user perception of robot hands using linear regression. User ratings include fields such as human-likeness, maturity, capability.
- Determine similarities between robot hands based on their perception ratings.
- Gather large amounts of survey data using Amazon Mechanical Turk to train the linear regression model.

Elementary/Middle School Computer Science Instructor

C.R.E.W.

August 2021 – January 2022

San Francisco, CA

- Write curriculum to engage younger students in computer science and mathematics.
- Middle school students were taught with Javascript. Elementary school students were taught with Blocks
- Lead classroom environments with students of varying age and familiarity with programming concepts.

Software Developer

C.R.E.W.

March 2019 – August 2020

San Francisco, CA

- Developed an executable Python application to enable user-friendly management of client profiles regarding their personal interests as well as compliance mandates of UFC's broker-dealer
- Website written for company in HTML, CSS, and Javascript

PROJECTS

[Notuno](#) - Multiplayer Online Uno Card Game | *Node, Express, PostgreSQL*

Sep. 2021 – Dec. 2021

- Wrote the backend for an online multiplayer game from scratch using Javascript and SQL.
- Worked as full-time team-lead for a four-person team. Instructed them on working with large codebases.

Multithreaded Webserver | *Java*

January 2021 – March 2021

- Wrote a functioning Apache-esque webserver from scratch without the assistance of any HTTP libraries.

TECHNICAL SKILLS

Languages: Python, Javascript, Typescript, Java, C, SQL, HTML/CSS

Frameworks/Libraries: Express.js, NumPy, SymPy

Developer Tools: GitHub, Unix, Node.js, MySQL

Platforms: AWS, Amazon Mechanical Turk, Heroku