# Junchen Wang

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## SKILLS

Proficient in HTML, CSS (including Bulma)
Familiar with Python, JavaScript (including Vue.js), py4web web framework
Worked with Java, C/C++, Data Structures (Linked lists, Stacks, Queues), Artificial Intelligence (Search, Heuristics, Minimax, Q-learning), Django web framework, SQL

## EDUCATION

**University of California, Santa Cruz**
*Bachelor of Arts in Computer Science, graduated June 2022*
Coursework: Data Structures and Algorithms CSE 101, Analysis of Algorithms CSE 102, Web Applications CSE 183, Programming Abstractions in Python CSE 30, Artificial Intelligence CSE 140, Natural Language Processing CSE 143, Technical Writing for Computer Science CSE 185S

**Monterey Peninsula College**
*Community college classes for UCSC Computer Science, January 2022 to December 2022*
Coursework: Programming Methods I CSIS 10A, Programming Methods I.5 C & C++ CSIS 10C

## EXPERIENCE/PROJECTS

**Find My Pet for UCSC Web Applications CSE 183, code at github.com/jadlow/find-my-pet**
Group project for UCSC CSE 183. Website where users can post lost and found pets. Contributed mainly to the add and edit post pages, writing most of their input check logic and a few extra features such as the description word recommender and map preview. Uses Python, JavaScript (Vue.js), HTML, CSS (Bulma), and SQL with the py4web web framework.

**Projects for Harvard CS50W Web Programming with Python and JavaScript, video demonstrations at youtube.com/playlist?list=PLfoDYyHC9KvAABiO4bWxHdo_YvVz6HE5g**
Projects for CS50W, an edX course managed by Harvard. Use Python, JavaScript, HTML, CSS (Bootstrap), and SQL with the Django web framework to build user-interactive websites. Projects include Commerce, a shopping website; Wiki, an online encyclopedia; and Mail, an email service.

**Personal projects at chen858858.github.io#projects**
Personal projects, mostly written in JavaScript, HTML, and CSS. Includes a timer, a binary-decimal-hexadecimal converter, and a game where one has to find a path across a “floor” of lava.

**Projects for UCSC Artificial Intelligence CSE 140**
Individual projects for UCSC CSE 140. Written in Python. Projects involve agents achieving goals using AI concepts like search with heuristics, minimax trees, and q-learning.