

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 2019 to December 2019

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.