David Zhan

Albany, CA | Amherst, MA
zhandavidz@gmail.com | (510) 508-0222
linkedin.com/in/zhandavidz | davidzhan.com | github.com/zhandavidz

EDUCATION

University of Massachusetts Amherst   Expected: Sep 2022 - **May 2025**
BS, Computer Science (Honors)   Overall GPA: 3.97 | Major GPA: 4.0

EXPERIENCE

UMass Amherst — CICS   Anticipated Start: Feb 2024
Undergraduate Course Assistant

- Assist in a computer systems course during lectures and by grading assignments, labs, and exams.
- Lead labs and small group discussions, help students during office hours and on the class discussion board.
- Gain leadership skills, learn to better communicate with and teach core concepts to my peers.

RadWatch — UC Berkeley   Jun - Aug 2021
Summer Intern / Data Analyst Intern   Jun - Aug 2020

- Worked on DoseNet, an international sensor network for improving community understanding of radiation.
- Created and integrated Python scripts and web tools to process and visualize mass quantities of sensor data.
- Learned to communicate and collaborate with a group to improve and add features to an existing project.

Academic Talent Development Program   Jun - Aug 2019
Teaching Assistant: Web Development, Programming in Java   Jun - Aug 2017

- Analyzed student code, assisted in grading, and led many small groups of students in completing classwork.
- Learned how to communicate and lead groups to better collaborate with each other and be responsible.

PROJECTS

Blahgenda   Nov 2022
JavaScript, React.js, HTML/CSS/Sass   `blahgenda.dzhan.dev — devpost.com/software/blahgenda`

- Winning submission to HackUMass X in the category Best Use of Appwrite.
- Is a calendar and scheduler designed to maximize efficiency and glanceability while remaining beautiful.
- I worked on styling, UI/UX, and implementing features and the flow of the page.
- Learned a lot about React.js, and about working collaboratively in an intense, crunch-time environment.

Personal Website   Oct 2017 - Present
JavaScript, HTML/CSS/Sass, Git, Linux   `davidzhan.com`

- Displays current projects, programming and photography portfolios, and contact information.
- Allows me to experiment with and learn web development, Linux server hosting, and Git version control.

Artemis   Nov 2020
Godot Engine, GDScript (similar to Python)   `itch.io/jam/game-off-2020/rate/840095`

- Solo submission ranking in the top half of Game Off 2020, GitHub's annual month-long game jam.
- Used a game engine for the first time, learning game development and a new language in just 1 month.

SKILLS

- **Programming:** JavaScript/TypeScript, Python, Java, C, HTML/CSS/Sass, GDScript, PHP, LaTeX
- **Software:** Familiarity with Linux, the terminal, Git/GitHub, Godot Engine
- **Relevant Coursework:** Intro to Algorithms, Data Structures, Linear Algebra, Statistics, etc.
- **General Skills:** Active listening, inclusive collaboration, problem-solving, efficiency under pressure
- **Languages:** Native English and Chinese (Mandarin) speaker