David Zhan

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Albany, CA | Amherst, MA

Education
UMass Amherst, Honors College
BS, Computer Science
Expected Graduation: May 2025
Cumulative GPA: 3.96, Major GPA: 4.0

Albany High School, 2018 - 2022 *(GPA: 4.6)*

Experience
Summer Intern for RadWatch at UC Berkeley's Dept. Nuclear Engineering (2020, 2021). Created scripts and web tools to process and visualize mass quantities of sensor data; integrated my tools with the overall project.

Teaching Assistant for Academic Talent Development Program classes: Web Development (2017), *Programming in Java* (2019). Analyzed student code; assisted in grading; led my own small group of students in completing classwork.

Volunteered for office work at ATDP (2017). Scanned old documents for digital archives. Helped with organizing the workspace.

Relevant Coursework
I have completed all the basic coursework, including Intro to Algorithms (CS 311), Data Structures (CS 187), and Linear Algebra.

Skills
JavaScript/TypeScript, Python, C, Java, LaTeX, HTML/CSS, PHP, MySQL
Speaks Mandarin Fluently

Projects
Blahgenda (2022). Winning submission to HackUMass X in the category *Best Use of Appwrite*. Is a calendar and scheduler designed to maximize efficiency and glancability while remaining beautiful. Made with React.js, Appwrite, AWS, and Cloudflare.
blahgenda.tech / devpost.com/software/blahgenda

My Personal Website (2017 - now). Displays current projects, my programming and photography portfolios, and my contact info.
davidzhan.com

Artemis (2020). Submission to a month-long game jam. Is a 2D space shooter made in the Godot Engine using GDScript.
zhandavidz.itch.io/artemis

Beat Coronavirus! (2020). Educational web game submitted to a 24-hour hackathon, made with JavaScript and jQuery. Made to teach kids to stay safe during the pandemic.
devpost.com/software/beat-coronavirus

Artificial Intelligence I-Search Project Website/Portfolio (2018). Website built in 8th grade under a fictional persona to share my research on the history and future of AI.
davidzhan.com/projects/isearch-ai

Transcript and references available upon request.