David Zhan

zhandavidz@gmail.com | (510) 508-0222 | linkedin.com/in/zhandavidz | github.com/zhandavidz | **davidzhan.com**

EDUCATION

University of Massachusetts Amherst **GPA: 4.0**
MS, Computer Science Expected Graduation: **May 2026**

University of Massachusetts Amherst *summa cum laude* | **GPA: 3.99**
BS, Computer Science May 2025

Coursework: Machine Learning, Networking, Data Structures, Algorithms, Databases, Systems, Web Dev, etc.

EXPERIENCE

TORQ Sports Sep 2025 - Present
Software Engineering Intern torqsports.com

- Collaborate with engineering team at fast-moving media startup focused on democratizing sports recruitment.
- Design, develop, and deploy new full-stack mobile features, troubleshoot user bugs, improve DevOps pipelines.
- Engage in team stand-ups to ensure alignment and share blockers, incorporating feedback to accelerate delivery.
- Design agentic tools with custom health-analytics models to make personal trainer insights more accessible.

Trumptech Digital Education Services Jun 2025 - Aug 2025
Software Engineering Intern trumptech.com

- Collaborated with all 4 developers at small Hong Kong edtech company serving local schools with learning tech.
- Developed new Kubernetes pipelines with Helm charts to simplify deployment and reduce bad code duplication.
- Architected and built agentic workflow for creating custom interactive lessons in new learning platform; reduced teacher friction, training, and onboarding time, aided in marketing and adoption of new platform.

UMass Amherst — CICS Feb 2024 - May 2025
Undergraduate Course Assistant (Undergraduate TA, 3 semesters) groups.cs.umass.edu/uca

- **Outstanding UCA Award:** "extremely proactive, always steps up to help other course staff and has great ideas."
- Graded assignments, taught concepts, helped students in computer systems (C) and web development courses.
- Increased student engagement during discussions, receiving positive feedback from professors and students.

PROJECTS

Expenser Nov 2024 - Present
TypeScript/JavaScript, Python, LLM (Gemini), React Native, Expo github.com/kimlengkit1/expenser

- Allow friends to scan and split a receipt automatically when each item on the receipt will be split differently.
- Collaborated as large team with varying experience; dynamics and disagreements led to many conflicts.
- Stepped up as project lead, delegated tasks, mediated conflicts, answered questions, kept everyone on track.
- Resulted with near-ready demo app with basic functionality, able to present despite conflicts and issues.

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

- Winning submission to HackUMass X in the category Best Use of Appwrite.
- Collaboratively developed a calendar to maximize user efficiency and glanceability while remaining beautiful.
- Designed UI, improved page flow, implemented core features, presented final product to judges.
- Built with React.js and Bulma CSS to quickly write efficient and maintainable code within the 36-hour hackathon.

SKILLS

- **Tools:** LangChain, React.js, PyTorch, NumPy, pandas, React Native, gRPC, Docker/K8s, Git/GitHub
- **Languages:** JavaScript/TypeScript, Python, Java, C/C++, Go, C#, PostgreSQL, HTML/CSS/Tailwind
- **Spoken Languages:** Native English and Chinese (Mandarin) speaker