

David Zhang

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<https://portfolio-site-git-main-davids-projects-91868288.vercel.app/>(temporary)

WORK EXPERIENCE

Rogue Aerospace (Sep 2021- January 2023)

EE/CS Engineer

- Technologies: Python, Raspberry Pi, Kalman Filters, 6 DOF Sensor
- Spearheaded design of onboard electronics and programming for NASA Competition Rocket
- Collaborated with cross-functional teams to ensure integration of hardware/software components

PROJECTS

MagicPrompts (AI Prompt Sharing):

- Technologies: NextJS, React, MongoDB, Next-Auth, Tailwind CSS
- Developed a dynamic, live-service AI prompt application.
- Enabled users to create, edit, delete, and share AI prompts.
- Implemented advanced filtering options for searching based on keywords or categories.
- Utilized Tailwind CSS for responsive and visually appealing UI design.

Unsplash/OfficeVibe Replica:

- Technologies: NextJs, React, Tailwind CSS, Framer-Motion
- Designed and developed a mobile-responsive front-end interface replicating the Unsplash and OfficeVibe platform.
- Implemented custom components to enhance user interaction and experience.
- Leveraged Tailwind CSS for rapid and consistent styling of components.

Pathfinding Visualizer

- Technologies: React, CSS, Javascript, HTML
- Designed a user-friendly interface for creating a customizing grid layouts
- Implemented popular pathfinding algorithms such as Dijkstra's and A* with real time visualization

EDUCATIONS:

New York University

B.S. Computer Science (Expected Dec 2024)

- 3.71 GPA, Nick Russo Award
- Running Club, Judo Club, OSIRIS CyberSecurity, DTCC

PROFESSIONAL CERTIFICATES AND TECH SKILLS

- AWS Certified Database-Specialty (July 2023 - July 2026)
- AWS Certified Cloud Practitioner (January 2023 - January 2026)\
- Skills: Python, Java, React, Express, Redux, Node.js, HTML, CSS, Git, Framer, Webflow, Git