

Daniel Miller

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Education:

Rensselaer Polytechnic Institute (RPI), Troy, NY May 2026
Bachelor of Science in Computer Science and Economics

Lake Forest High School, Lake Forest, IL June 2022

Programming Languages: Javascript, Typescript, C++, Java, Python, SQL, bash, HTML/CSS, Sass

Libraries/Frameworks: React.js, Angular, TailwindCSS, Next.js, Node.js, Express.js, tRPC, Prisma, styled-components

Design: Figma, Affinity Designer, Adobe Premiere Pro

Other: Docker, NixOS, Firebase, Git, Algolia, Jira, Agile, OpenCV, Linux, Postgres

Human Languages: English (native), French (certified B2/upper intermediate), Ukrainian (conversational)

Work Experience:

Zedbruh LLC, Troy, NY Oct 2023 - Present
CEO

- Co-founded a startup with two friends to develop an AI-powered news assistant that curates and summarizes daily articles, offering interactive features for deeper context and tailored to user preferences.

Global Foundries, Malta, NY May 2023 - Aug 2023
CFM Process Engineering Intern

- Designed and built a full-stack application to enable data management and configurability for wafer quality metrics.
- React.js, Next.js, Python, tRPC, Postgres, Docker, Prisma, SQL, Linux, Typescript, Tailwind

UncommonX, Chicago, IL Jul 2021 - Aug 2022
Software Developer Intern

- Angular, Typescript, PrimeNG, Docker, Python, bash, Linux

Sachs Recreation Center, Deerfield, IL - Fitness Desk Attendant Aug 2018 - Jan 2020

Projects/Activities:

Self-Managed Server Environment (NixOS + Docker) - Independent Jan 2019 - Present

- Administer a range of self-hosted services through industry-standard platforms

Soteria - www.soteria.matv.io - Independent Nov 2022 - Present

- Facilitates the redistribution of phased-out educational technology by connecting faculty with students for reuse.
- React.js, Typescript, Next.js, Firebase, Tailwind

Binary Bit - www.dev.binarybit.io - Independent Dec 2021 - Present

- React.js, Typescript, Next.js, TailwindCSS, Sass, Figma
- Independently developing the site for a open-source focused publication

Need For Speed Robotics Team - needforspeedrobotics.vercel.app Aug 2018 - Mar 2021

- Lead programmer, wrote the website and the robot code (Java, FTC library)

RPI Chess Club - President Sep 2023 - Present