Daniel Miller

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Education:

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

Lake Forest High School, Lake Forest, IL   June 2022

Skills & Abilities:

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, Firebase, Git, Algolia, Jira, Agile, OpenCV, Linux, Postgres
Human Languages: English (native), French (certified B2/upper intermediate), Ukrainian (conversational)

Work Experience:

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

Soteria - www.soteria.matv.io - Independent   Nov 2022 - Present
- React.js, Typescript, Next.js, Firebase, TailwindCSS, Sass
- Schools constantly throw out and destroy large amounts of technology. Soteria is an app that connects faculty with students so that phased-out tech can be reused by students.

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

Custom Shell Scripts - github.com/syntheit/scripts - Independent   Aug 2022 - Present
- bash/shell
- A collection of utility scripts I wrote to automate certain tasks on my Linux systems

Need For Speed Robotics Team - needforspeedrobotics.vercel.app   Aug 2018 - Mar 2021
- Lead programmer, wrote the website and the robot code (Java, FTC library)

Sailor - github.com/syntheit/sailor - Independent   Oct 2022 - Present
- C++
- A program to manage containers made with docker-compose

RPI Cue Sports - President | **RPI Chess Club** - Treasurer