

Daniel Miller

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Education:

Rensselaer Polytechnic Institute (RPI), Troy, NY

May 2026

Bachelor of Science in Computer Science

Relevant Courses: Data Structures

Lake Forest High School, Lake Forest, IL

June 2022

Skills & Abilities:

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

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

Design: Figma, Affinity Designer, Adobe Premiere Pro

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

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

Work Experience:

UncommonX, Chicago, IL - SaaS Cybersecurity Company

Jul 2021 - Aug 2022

Software Developer Intern - Angular, Typescript, PrimeNG, Docker, Python, bash, Linux

- Contributed to the development of the company's main software package
- Reworked and updated the modified server ISOs to be deployed on customer servers

Sachs Recreation Center, Deerfield, IL

Aug 2018 - Jan 2020

Fitness Desk Attendant

- Maintained the cleanliness of the fitness floor and assisted members

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 an open-source focused publication

Custom Shell Scripts - github.com/synthet/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

- React.js, Javascript, Gatsby.js, styled-components, Figma, Java, OpenCV, Adobe Premiere Pro, Affinity Designer
- Lead programmer, wrote the website and the robot code (Java, FTC library)

Sailor - github.com/synthet/sailor - Independent

Oct 2022 - Present

- C++
- A program to manage containers made with docker-compose