

Daniel Miller

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Education:

Rensselaer Polytechnic Institute (RPI), Troy, NY	May 2026
Bachelor of Science in Computer Science and Economics, Minor in 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, 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 - Aug 2023
CFM Process Engineering Intern	
<ul style="list-style-type: none">- I made a full-stack application from scratch that enabled interactivity and configurability for managing data regarding wafer quality.- React.js, Next.js, Python, tRPC, Postgres, Docker, Prisma, SQL, Linux, Typescript, Tailwind	
UncommonX , Chicago, IL	Jul 2021 - Aug 2022
Software Developer Intern	
<ul style="list-style-type: none">- 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• React.js, Typescript, Next.js, TailwindCSS, Sass, Figma• Independently developing the site for an open-source focused publication	
Custom Shell Scripts - github.com/syntheit/scripts - Independent	Aug 2022 - Present
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Lead programmer, wrote the website and the robot code (Java, FTC library)	
Sailor - github.com/syntheit/sailor - Independent	Oct 2022 - Present
<ul style="list-style-type: none">• C++• A program to manage containers made with docker-compose	
RPI Chess Club - President	Sep 2023 - Present
RPI Cue Sports - President	Jan 2023 - Present