

Daniel Miller

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Education:

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| Rensselaer Polytechnic Institute (RPI) , Troy, NY | Aug 2022 - Dec 2024 |
| Coursework towards Bachelor of Science in Computer Science and Economics | |
| Lake Forest High School , Lake Forest, IL | June 2022 |

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

Libraries & Frameworks: React.js, Angular, Tailwind, Next.js, Node.js, Express.js, tRPC, Prisma

Design: Figma, Adobe Lightroom, Affinity Designer, Adobe Premiere Pro

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

Human Languages: English (native), Spanish (B1), French (B2), Ukrainian (A2)

Work Experience:

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| GerminaAI - Buenos Aires, Argentina - Lead Developer | Jun '25 - Present |
| <ul style="list-style-type: none">- Designing and developing a mobile-first platform to connect small investors with global startups featuring- React.js, tRPC, Postgres, Docker, Typescript, DevOps | |
| Rensselaer Union - Troy, NY - Full-stack developer | Jul '24 - Mar '25 |
| <ul style="list-style-type: none">- Enhanced software widely used by Rensselaer clubs and staff. Contributed valuable input on feature development and user communication. | |
| Global Foundries , Malta, NY - CFM Process Engineering Intern | May '23 - Aug '23 & Jun '24 - Aug '24 |
| <ul style="list-style-type: none">- Designed, built, and deployed 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 - Software Developer Intern | Jul 2021 - Aug 2022 |
| <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:

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| <u>Self-Managed Server Environment (NixOS + Docker)</u> - Independent | Jan 2019 - Present |
| <ul style="list-style-type: none">• Actively administer a range of self-hosted services through industry-standard platforms.• NixOS, Docker, Cloudflare, Go, bash | |
| Health Tracker - github.com/syntheit/health-tracker - Independent | Jun 2025 - Present |
| <ul style="list-style-type: none">• This app is a full-stack workout and fitness tracker that enables users to log workouts, track weight and running progress, and view personalized statistics through a web interface.• React.js, Next.js, Docker, Typescript, tRPC, Tailwind | |
| <u>Travel Checklist</u> - travel-checklist.matv.io - Independent | Jul 2025 |
| <ul style="list-style-type: none">• A modern, offline-first travel checklist app with PWA support. Easily manage, edit, and share your packing lists with a beautiful, responsive interface.• React.js, Typescript, Next.js, Tailwind | |
| RPI Chess Club - President | Sep 2023 - Dec 2024 |
| Foreign Language Club - President | Feb 2024 - Dec 2024 |
| Rensselaer Economics Club - Treasurer | Feb 2024 - Dec 2024 |
| RPI Photo Club - Treasurer | Mar 2024 - Dec 2024 |