

# Maksim Straus

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## Education

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**Rochester Institute of Technology**, B.S. Computer Science

Rochester, NY, USA

Aug 2025 – Present

**Sharon High School**

Sharon, MA, USA

Aug 2021 – June 2025

- Co-President of the Web Development Club
- Developer for the Sharon Talon newspaper
- Helped organize the Sharon High School Hackathon

## Projects

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**Meteor Addon List** [🔗](#), [GitHub](#) [🔗](#)

May 2025 – Present

Built with: *React*, *TypeScript*, *Tailwind CSS*, *Go*

- Built a website to make discovering and downloading Meteor Client addons easy
- Implemented daily automated scraping of GitHub repositories with a scanner written in Go
- Developed filtering and sorting for addons by version, GitHub stars, downloads, and more
- Setup analytics tracking to monitor engagement, reaching 3K+ new users

**Talon Games** [🔗](#), [GitHub](#) [🔗](#)

Aug 2024 – Aug 2025

Built with: *NextJS*, *TypeScript*, *Tailwind CSS*, *Firebase*

- Designed and developed a games website inspired by NYT Games for the Sharon High School newspaper
- Created an admin dashboard with user role management
- Developed a game builder that allows authorized users to create and publish their own puzzles

**TI Tools**, [GitHub](#) [🔗](#)

June 2024 – June 2025

Built with: *Rust*

- Built a command-line tool for converting 8xp files, used by TI-83/84 calculators, to text and back
- Developed a tokenizer to translate between bytes and human-readable code using a token sheet
- Implemented a CLI argument parser from scratch to handle commands, options, and arguments

**Vocab Vault** [🔗](#), [GitHub](#) [🔗](#)

July 2023 – July 2025

Built with: *Rust*

- Built a Latin dictionary parser with two way translation
- Added support for generating filtered word lists by part of speech, length, and more, with export to JSON
- Developed an API using *actix\_web* with endpoints for Latin to English translation and word list generation
- Created a website where users can try the translator online

**SHS Hackathon Website** [🔗](#), [GitHub](#) [🔗](#)

Oct 2023 – Mar 2025

Built with: *NextJS*, *TypeScript*, *Tailwind CSS*, *Firebase*

- Built a website to advertise the SHS Hackathon and provide resources to participants
- Created an admin dashboard that allows authorized users to edit content, like the event schedule

## Work Experience

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**Chipotle**, Crew

Canton, MA, USA

June 2025 – Aug 2025

- Opened and prepared the grill for service each day while maintaining food quality and safety standards in a fast-paced environment.

**Shaw's**, Produce Clerk

Canton, MA, USA

June 2023 – Aug 2023

- Restocked produce, maintained organized displays, and assisted customers.

## Skills

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**Programming:** Java, TypeScript, Rust, Python, Go, HTML/CSS

**Developer Tools:** Git, GitHub, Docker, Firebase, Neovim, VS Code, IntelliJ

**Languages:** English (native), Russian (fluent)