

# Justin Manion

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Seeking Full-Time Opportunities Starting in June 2026

## EDUCATION AND HONORS

### Rensselaer Polytechnic Institute

*Bachelor of Science in Computer Science*

GPA: 3.0 / 4.0

Dean's List: Spring 2025

Extracurricular Activities: Lambda Chi Alpha (Secretary, Webmaster)

Troy, NY

Expected May 2026

### Hudson Valley Community College

*Associate of Science in Computer Information Systems*

GPA: 3.94 / 4.0

President's List: Fall 2022, Spring 2023, Spring 2024

Troy, NY

May 2024

## SKILLS

**Languages:** C++, Java, Python, Go, PHP, SQL, JavaScript, TypeScript, Twig, HTML, CSS

**Frameworks & Tools:** React, Vue, Vite, Tailwind CSS, Bootstrap, Cypress, Docker, PostgreSQL, Redis, Nginx

**Programs & Applications:** VS Code, Git, GitHub, Vagrant, VirtualBox, DigitalOcean, AWS

## PROFESSIONAL EXPERIENCE

### Software Developer

*Submity (Rensselaer Center for Open Source)*

Troy, NY

January 2025 - Present (Full-Time Summer 2025)

- Created a Vue component backed by a complex SQL query for the home page to give users a streamlined view of notifications from all of their courses.
- Developed an interactive editor using PHP, Twig, and JavaScript, enabling instructors to modify uploaded configurations.
- Leading the deployment of Submity's cloud infrastructure to make it accessible to other institutions without self-hosting.
- Mentors new contributors in a collaborative setting, guiding onboarding while coordinating progress and design discussions.

### IT Technician Intern

*Stewart's Shops*

Saratoga, NY

May 2024 - August 2024

- Delivered on-site and remote technical support by troubleshooting and repairing register, ATM, and networking equipment.
- Utilized a ticketing system to document issues and resolutions, ensuring accurate tracking and timely follow-up.
- Collaborated with other technicians to prepare 10% of all shops for a transition to a new POS register system.

### Shift Supervisor

*Price Chopper Supermarket*

Mechanicville, NY

June 2020 - October 2024

- Supervised the Front End department, overseeing customer service, employee scheduling and training, task delegation, facility maintenance, and financial reconciliation.

## PROJECTS

### Cookie Coder

September 2025 - Present

- Full-stack web application combining coding lessons with tycoon-style gameplay to facilitate learning through repetition.

### Speed Roulette | [speedroulette.io](https://speedroulette.io)

February 2025 - September 2025

- Designed a dynamic front-end using React, TypeScript, and Tailwind CSS that features a dark mode toggle, responsive scaling, interactive components, and fast-paced gameplay to deliver an engaging user experience.
- Built a Go backend API secured with middleware authentication to separate core game logic from the user interface.
- Implemented an extensive CI/CD pipeline with linters, formatters, Cypress E2E tests, and unit tests.

### RPI Principles of Software Course Website Revamp

May 2025 - September 2025

- Overhauled the site's user interface with a complete visual redesign, adding responsive scaling and dark mode to enhance the user experience for over 200 active students each term.
- Streamlined maintainer workflow by establishing a Git-based workflow and creating a reusable template of the user interface.
- Simplified the codebase by replacing Bootstrap with custom CSS and creating modular components with JavaScript.