

# Justin Manion

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Seeking Full-Time Opportunities Starting in Summer 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, C++, Java, Python, Go, JavaScript, TypeScript, Node.js, PHP, Twig, HTML, CSS, Tailwind, SQL, LaTeX

**Frameworks & Tools:** React, Vue, Vite, JUnit, ESLint, Prettier, Stylelint, Cypress, Docker, Doctrine, PostgreSQL, Redis, Nginx

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

## PROFESSIONAL EXPERIENCE

### Submittly (Rensselaer Center for Open Source)

[submittly.org](https://submittly.org) |  Submittly

PHP, Twig, Vue, JavaScript, TypeScript, CSS, C++, Python

January 2025 - Present (FT Summer 2025)

- Created a Vue component for the home page to give users a streamlined view of notifications from all of their courses.
- Developed an interactive editor enabling instructors to modify uploaded assignment configurations.
- Mentors new contributors in a collaborative setting, guiding onboarding while coordinating progress and design discussions.

### Stewart's Shops IT Technician

Saratoga, NY

Intern

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 12% of all shops for a transition to a new POS register system.

### Price Chopper Supermarket

Mechanicville, NY

Shift Supervisor

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 (Personal Project)

React, Vite, TypeScript, CSS, Node.js, Go, PostgreSQL, Redis, Docker, AWS, Cypress

September 2025 - Present

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

### Speed Roulette (Personal Project)

[speedroulette.io](https://speedroulette.io) |  speed-roulette

React, Vite, TypeScript, Tailwind, Go, PostgreSQL, Redis, Docker, DigitalOcean, Cypress

February 2025 - September 2025

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

### RPI Principles of Software Course Website Revamp

HTML, CSS, Bootstrap, JavaScript

June 2025 - September 2025

- Fully redesigned the site, adding responsive scaling and a dark mode toggle to improve UX for 200+ students each semester.
- Streamlined maintainer workflow by replacing Bootstrap with custom CSS to simplify the codebase, establishing a Git-based workflow, creating a reusable template instructors can use across courses, and adding components to reduce code duplication.

### Portfolio Website (Personal Project)

[justinmanion.com](http://justinmanion.com) |  portfolio-site

React, Vite, TypeScript, CSS

July 2025 - Present