

# Justin Manion

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## EDUCATION AND HONORS

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**Cumulative GPA:** 3.63

### Rensselaer Polytechnic Institute

*Bachelor of Science in Computer Science*

**Dean's List:** Spring 2025

**Troy, NY**

*Expected May 2026*

### Hudson Valley Community College

*Associate of Science in Computer Information Systems*

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

**Troy, NY**

*May 2024*

## SKILLS

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**Languages:** C, C++, Java, Python, Go, X86, JS, TS, PHP, Twig, HTML, CSS, Tailwind, SQL, LaTeX

**Frameworks / Tools:** React, Vue, Vite, JUnit, Stylelint, ESLint, Prettier, Cypress, Docker, Doctrine, Postgres, Redis

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

## PROJECTS

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### Submitty (Rensselaer Center for Open Source)

[submitty.org](https://submitty.org) |  [Submitty](https://github.com/Submitty)

*PHP, Twig, Vue, JS, TS, CSS, C++, Python*

*January 2025 - Present (FT Summer 2025)*

- Participates in a collaborative environment with frequent meetings to coordinate progress, and discuss design choices.
- Mentors newer contributors, providing guidance on the codebase and development practices to accelerate onboarding.
- Created a Vue component for the home page to centralize notifications, giving users a streamlined view of updates from all of their courses. Backed by an optimized query that pulls notifications from multiple databases.
- Developed an interactive text editor that enables instructors to edit their uploaded assignment configurations on the site. Supports editing/adding/deleting files and directories, as well as downloading the configuration as a ZIP.

### Speed Roulette (Personal Project)

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

*React, Vite, TS, Tailwind, Go, Postgres, Redis, Docker, DigitalOcean, Cypress*

*February 2025 - Present*

- A dockerized, full-stack browser game deployed using DigitalOcean that features a responsive UI, fast-paced gameplay, leaderboard/stats tracking, and a CI/CD pipeline with linters, formatters, E2E tests, and unit tests.

### RPI Principles of Software Course Website Revamp

*HTML, CSS, Bootstrap, JS*

*June 2025 - Present*

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

*React, Vite, TS, CSS*

*July 2025 - Present*

- Static site featuring a dark mode toggle, responsive user interface, and custom framework for reusable layouts and styles.

## PROFESSIONAL & LEADERSHIP EXPERIENCE

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### 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, while accurately documenting issues and resolutions to minimize sales disruptions.
- Collaborated with technicians to prepare shops for the deployment of a new register POS system, ensuring a smooth implementation and transition.

### Lambda Chi Alpha, Rensselaer Polytechnic Institute

**Troy, NY**

*Secretary*

*December 2024 - Present*

- Maintains fraternity records including member rosters, meeting minutes/attendance, calendars, historical archives, and a shared Google Drive to ensure organizational consistency and operational efficiency.

*Webmaster*

*April 2025 - Present*

- Manages site content and writes feature posts to highlight brother achievements and chapter events.

### Price Chopper Supermarket

**Mechanicville, NY**

*Shift Supervisor*

*June 2020 - October 2024*

- Oversaw the Front End department, leveraging leadership, communication, and problem-solving skills to foster a collaborative team culture, mentor new employees, and drive strong customer satisfaction.