

Justin Manion

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EDUCATION AND HONORS

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

Languages: C, C++, Java, Python, Go, 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

Submitty (Rensselaer Center for Open Source)

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 |  [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 |  [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

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.