

Justin Manion

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EDUCATION AND HONORS

Cumulative GPA: 3.63

Rensselaer Polytechnic Institute

Bachelor of Science in Computer Science

Troy, NY

Expected May 2026

Hudson Valley Community College

Associate of Science in Computer Information Systems

Troy, NY

May 2024

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

SKILLS

Languages: 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 | [GitHub](#)

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

January 2025 - Present (FT Summer 2025)

- Created a Vue component for the home page to centralize course notifications, giving users a streamlined view of updates. Backed by an optimized query that pulls the most recent notifications from multiple databases.
- Developed a CodeMirror-based text editor that enables instructors to edit their assignment configurations on the site. Supports editing/adding/deleting files and directories, as well as downloading the configuration as a ZIP.
- Used SCSS to implement a responsive dark mode toggle for the documentation site, enhancing user experience.

Speed Roulette (Personal Project)

speedroulette.io | [GitHub](#)

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

- Redesigned layout to enhance readability, integrated version control to streamline workflow, added reusable components for maintainability, and implemented dark mode for this site that serves 200+ students per semester.

Portfolio Website (Personal Project)

justinmanion.com | [GitHub](#)

React, Vite, TS, CSS

July 2025 - Present

PROFESSIONAL & LEADERSHIP EXPERIENCE

Stewart's Shops IT Technician

Saratoga, NY

Intern

May 2024 - August 2024

- Delivered on-site technical support, troubleshooting and repairing registers, ATMs, and networking equipment.
- Collaborated with technicians to prepare shops for the deployment of a new register POS system.

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 with an objective to cultivate a friendly team environment and high customer satisfaction through effective leadership, communication, and problem solving.
- Trained and mentored new employees, providing guidance on store procedures and customer service standards to accelerate their integration into the team.