

Justin Manion

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Seeking Full-Time Opportunities Starting in Summer 2026

EDUCATION AND HONORS

Cumulative GPA: 3.63

Rensselaer Polytechnic Institute

Bachelor of Science in Computer Science

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

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 |  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 |  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 |  portfolio-site

React, Vite, TypeScript, CSS

July 2025 - Present