

Justin Manion

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Seeking a Full-Time Opportunity for 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)

- Mentors new contributors in a collaborative setting, guiding onboarding while coordinating progress and design discussions.
- 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.

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

- Oversaw the Front End department, applying leadership, communication, and problem-solving skills to mentor new employees, promote a positive team atmosphere, and ensure high customer satisfaction.

PROJECTS

Cookie Coder (Personal Project)

React, Vite, TypeScript, CSS, Node.js, Go, Postgres, 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, Postgres, Redis, Docker, DigitalOcean, Cypress

February 2025 - September 2025

- Designed a dynamic front-end with a dark mode toggle, responsive scaling, and interactive components to deliver fast-paced gameplay, and 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)

React, Vite, TypeScript, CSS

justinmanion.com |  portfolio-site

July 2025 - Present