Justin Manion

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Seeking Full-Time Opportunities Starting in June 2026

EDUCATION AND HONORS

Rensselaer Polytechnic Institute   **Troy, NY**
Bachelor of Science in Computer Science   *Expected May 2026*
GPA: 3.0 / 4.0
Dean's List: Spring 2025
Extracurricular Activities: Lambda Chi Alpha (Secretary, Webmaster, Director of Recruitment Logistics)

Hudson Valley Community College   **Troy, NY**
Associate of Science in Computer Information Systems   *May 2024*
GPA: 3.94 / 4.0
President's List: Fall 2022, Spring 2023, Spring 2024

SKILLS

Languages: C++, Java, Python, Go, PHP, SQL, JavaScript, TypeScript, Twig, HTML, CSS
Frameworks & Tools: React, Vue, Vite, Tailwind CSS, Bootstrap, Cypress, Docker, PostgreSQL, Redis, Nginx
Programs & Applications: VS Code, Git, GitHub, Vagrant, VirtualBox, DigitalOcean, AWS, Linux Terminal (Bash)

PROFESSIONAL EXPERIENCE

Software Developer   **Troy, NY**
Submitty (Rensselaer Center for Open Source)   *January 2025 - Present (Full-Time Summer 2025)*
- Took ownership of the notifications UI, refactoring the system from Twig to Vue, integrating it on the home page, making all functionality dynamic, and introducing various quality-of-life enhancements.
- Developed an interactive configuration editor using PHP, Twig, and JavaScript that enables instructors to modify their configurations directly on the site, eliminating the need to re-upload files for every change.
- Mentors new contributors in a collaborative setting, guiding onboarding while coordinating progress and design discussions.

IT Technician Intern   **Saratoga, NY**
Stewart's Shops   *May 2024 - August 2024*
- Delivered on-site and remote technical support by troubleshooting and repairing register, ATM, and networking equipment.
- Collaborated with other technicians to prepare 10% of all shops for a transition to a new POS register system.

Shift Supervisor   **Mechanicville, NY**
Price Chopper Supermarket   *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   *September 2025 - Present*
React, Vite, TypeScript, CSS, Node.js, Go, PostgreSQL, Redis, Docker, AWS, Cypress
- Full-stack web application combining coding lessons with tycoon-style gameplay to facilitate learning through repetition.

Speed Roulette | speedroulette.io   *February 2025 - September 2025*
- Designed a dynamic front-end using React, TypeScript, and Tailwind CSS that features a dark mode toggle, responsive scaling, interactive components, and fast-paced gameplay to deliver an engaging user experience.
- Built a Go backend API secured with middleware authentication to separate core game logic from the user interface.
- Implemented an extensive CI/CD pipeline with linters, formatters, Cypress E2E tests, and unit tests.

RPI Principles of Software Course Website Revamp   *May 2025 - September 2025*
- Overhauled the site's user interface with a complete visual redesign, adding responsive scaling and dark mode to enhance the user experience for over 200 active students each term.
- Streamlined maintainer workflow by establishing a Git-based workflow and creating a reusable template of the user interface.
- Simplified the codebase by replacing Bootstrap with custom CSS and creating modular components with JavaScript.