Christopher Ernst-Fortin

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Education

Rensselaer Polytechnic Institute at Troy, NY   **May 2025**
Bachelor of Science in Internet Technology and Web Sciences (ITWS)   Minor: Economics   GPA: 3.22/4.00

Technical Skills

Javascript • Node.js • Express • Python • Git • GitHub • C • C++ • HTML • CSS • MongoDB • React • jQuery • PHP • Figma • Web Design • MS-Word • MS-Excel • Agile Methodology • Communication • SQL • REST API • Windows • Project Management • Cloud Computing • Linux • SaaS • Problem Solving • Machine Learning • R • Troubleshooting

Relevant Coursework

Computer Science: Data Structures, HCI, Computer Info Systems, Computer Org, Web Systems Dev, Foundations of CS, IT and Web Science Capstone, Web Science Systems Dev
Business: MGMT in the Digital Age, Org Behavior, Managing IT Resources, Managerial Finance, Systems Analysis and Design, IT Project Management, Data Resource Management

Employment Experience

J&J MedTech Supply Chain Product Availability App | *Software Engineering* | Troy, NY   **January 2025 - Present**
- Developed a Microsoft PowerApp to streamline product availability notifications for the Global MedTech Supply Chain Customer Service team.
- Designed admin and customer service interfaces for managing access and notifications.
- Integrated SharePoint List for structured data management and strict access control.

GamesThatWork | *Software Engineering Intern* | Atlanta, GA   **March 2024 - August 2024**
- Supported development, QA and user experience staff to develop new deployed versions.
- Created authentication system using Google Firebase platform with JavaScript programming language.
- Worked with developers to identify and remove software bugs, resolving 51 issues through Github pull requests.
- Contributed to the successful deployment of 5 new features across 2 deployed application versions.

Lazy Dog Restaurant & Bar | *Food Runner* | Peachtree Corners, GA   **May 2021- August 2021**
- Greeted ~50 daily customers while providing outstanding customer service.
- Monitored food and beverage supplies, assisting with restocking when needed.
- Engaged in suggestive selling and other sales techniques.
- Collaborated with other dining room and bar staff to facilitate efficient service.

Flash.co | *Application Manager* | Peachtree Corners, GA   **May 2015 - September 2015**
- Defined project-wide performance metrics such as developmental milestones, timeline goals and required completion dates.
- Interfaced with testing and managing departments to better meet overall business goals.
- Provided technical leadership for 3 application versions.
- Led a team of 5 testers and overseeing the release of apps used by over 20 users.

Projects

MaLung | *Software Engineering and Design class project* | Troy, NY   **September 2022 - December 2022**
- Collaborated in a team of 3 to design an online COVID-19 AI classifier to detect cases in lung scans
- Managed back-end / DevOps tasks, hosted on Microsoft Azure and containerizing development with Docker.
- Designed a responsive UI in Figma and implemented a database with MariaDB integrated through a PHP back-end.

Travercity | *Software Engineering and Design class project* | Troy, NY   **September 2023 - December 2023**
- Collaborated to design a web app to streamline travel planning with features like itinerary creation and real-time weather updates.
- Integrated APIs for weather data and location-based recommendations to enhance user experience.

King Ferry Presbyterian Church | *Web Page Project Manager* | King Ferry, NY   **September 2024 - December 2024**
- Led a team of 4 to design and develop a responsive website to showcase church events, services, and outreach.
- Built using HTML, CSS, and JavaScript, focusing on a user-friendly interface and accessibility.
- Integrated interactive features, including an events calendar and contact form, to enhance engagement.

Certifications

Oracle Cloud Infrastructure 2023 Certified Foundations Associate