

Nicholas Falletta

nickfalletta29@outlook.com | (631) 637-5632 | [linkedin.com/in/nick-falletta](https://www.linkedin.com/in/nick-falletta) | nick-falletta.github.io/portfolio

EDUCATION

The Pennsylvania State University | University Park, PA

May 2025

Major: Bachelor of Science, Human-Centered Design & Development

Certificate: Smeal College Business Fundamentals Certificate

RELEVANT SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML/CSS, MySQL

Frameworks: [React](#), React Native, Flutter, [Node.js](#), [Next.js](#), Angular, Tailwind, Bootstrap

Tools: Docker, MongoDB, Firebase, Git

WORK EXPERIENCE

RGTN Corporation B.V. | New York, NY | Software Engineer Intern

August 2025- Present

- Migrated a legacy Perl-based payment module to a containerized Python microservice using Docker, gRPC, Flask, & Helm.
- Implemented webhook handling, signature verification, & transaction processing using a Stripe API.
- Integrated comprehensive unit & integration tests into the CI/CD pipeline via GitHub Actions, enabling automated test execution on pull requests.
- Collaborated with external RGTN partners to align on API specifications and streamline integration efforts.
- Maintained confidentiality of proprietary systems and partner data under a signed non-disclosure agreement.

Pennsylvania State University | State College, PA | Software Developer Intern

May - December 2024

- Developed a strong foundation in accessibility-focused design & user-centered research through collaboration with visually impaired users & academic professors.
- Honed problem-solving & team collaboration skills by working in weekly meetings with PhD students & professors to troubleshoot, refine, & iterate on each other's projects.
- Led the development of **NaviGPT**, an iOS application using Swift & OpenAI's API to help visually impaired users navigate safely.
- Researched & implemented best practices in AI & navigation by studying academic literature, ensuring the app effectively addressed real-world challenges in accessibility.

Comm-Res Exams Corporation | Mineola, NY | Software Developer Intern

December 2022 – April 2023

- Strengthened project management & communication skills by collaborating closely with staff to align development with business needs.
- Gained hands-on experience refining company software & building scalable internal tools to enhance operational efficiency.
- Led the development of **Title Tracker**, a cross-platform mobile app built with Flutter & Firebase to streamline company workflow management & securely store company data in the cloud.
- Conducted interviews with employees to tailor the app's design & functionality, effectively translating real-world needs into technical solutions.

EXTRACURRICULAR ACTIVITIES

Fundamentals of Computing Association | State College, PA | Project Manager

August 2023 – May 2025

- Cultivated leadership & mentorship skills by guiding students through semester-long technical projects, including a personality-based AI chatbot that modifies a website's visual appearance.
- Fostered a collaborative & inclusive learning environment by organizing & leading weekly technical boot camps covering skills such as React.js, Full Stack development, GitHub workflows, & UI/UX principles.
- Inspired growth in peers by emphasizing problem-solving, creativity, & ownership in all projects, helping students apply classroom knowledge to impactful real-world solutions.