

Ivan Zhang

646-683-8048 | ivanzhang0111@gmail.com | [LinkedIn](#) | [Github](#) | [Portfolio](#)

EDUCATION

Lehigh University

Bachelor of Science in Computer Science - GPA: 3.46

Expected May 2025

Bethlehem, PA.

TECHNICAL SKILLS

- **Languages:** Python, TypeScript / JavaScript, Java, C / C++, C#, R, Rust, SQL, Dart, HTML, CSS
- **Frameworks:** Next.js, React, Express, Node, Flutter, Flask, .NET, Jest, Cypress, JUnit
- **Databases:** MongoDB, Postgres, Firebase, Supabase, ElephantSQL
- **Tools & Technologies:** AWS, Git / GitHub, Agile (Scrum, Kanban), Postman, Jira, Bash, Linux, Maven, CMS

WORK EXPERIENCE

Comcast NBCUniversal – Software Engineer Intern | Remote

Jun 2024 – Aug 2024

- Revamped a legacy financial reports application using TypeScript, React, and .NET, improving the processing of financial data and enhanced visualizations
- Implemented an admin module enabling admins to manage financial snapshots through CRUD operations within a data table
- Developed key functionalities for the application, including a dashboard, report downloading, graph visualization, and **over 8** front-end views for report data

Nasdaq Center – Software Engineer Intern | Remote

Jan 2024 – May 2024

- Developed core features for an internal payment software application at Studio Corsair, **resulting in a 50% improvement** in the company's payroll processing efficiency (TypeScript, Jest, Postman, Linux)
- Integrated TimeDoctor and Revolut APIs within the application to automate payments to employees based on tracked work hours
- Updated outdated software dependencies and incorporated ESLint rules into the GitHub workflow, ensuring best coding practices

NYC Housing Development Corporation – Application Development Intern | New York, NY.

Jun 2023 – Aug 2023

- Developed an application for the human resources department to manage and manipulate employee information, reducing the employee badge printing process time **by 50%** (C#, .NET, ASP.NET)
- Optimized operational efficiency for the IT Department by creating **over 20** digital workflows using Formstack for company policies and equipment management
- Leveraged KnowledgeLake to index financial documents, enabling seamless data retrieval for the accounting department

Lehigh University LTS – Web Developer | Bethlehem, PA.

Aug 2022 – Present

- Maintain **over 160** websites across Lehigh University by addressing front-end issues via Jira ticket requests, ensuring consistent and up to date functionality (HTML, CSS, JavaScript)
- Improved overall website accessibility score **by 10%** across all Lehigh's websites by using Dubbot to identify and resolve accessibility concerns
- Completed content migration and theme updates of **over 300** web pages from Drupal 7 to 9

PROJECTS

Capstone - Lutron Floorplan | NextJS, TypeScript, Firebase, Cypress, Jest

- Engineering an application for Lutron that enables professional liaisons to annotate floor plans in real time with multiple collaborators
- Created software architecture diagrams and documentation, and conduct weekly presentations to Lutron's software engineers to gather feedback and drive iterative improvements