Ivan Zhang

646-683-8048 | ivanzhang0111@gmail.com | linkedin.com/in/ivan0111 | github.com/ivanthecoder1 | ivanzhang.netlify

EDUCATION

Lehigh University   Aug. 2021 – May 2025
Bachelor of Science in Computer Science   *Bethlehem, PA*

EXPERIENCE

Studio Corsair   Jan 2024 – May 2024
Software Engineer Intern   *Remote*

- Upgraded existing software dependencies and successfully integrated the TimeDoctor API, optimizing the company's internal payroll application
- Implemented back-end API methods in TypeScript, complete with comprehensive Jest tests, facilitating access and management of employee payroll and work hours data
- Enhanced technical skills in TypeScript, Linux, Bash, and Jest through the company's intensive Tech Stack boot camp

New York City Housing Development Corporation   June 2023 – Aug. 2023
Application Development Intern   *New York, NY*

- Improved employee badge printing process by 50% for the human resources department by developing an application to easily manipulate and search employee data using C#, .NET, and ASP.NET
- Discussed improvements and implementations to existing applications, and communicated with cross-functional teams in an Agile setting
- Improved operational efficiency for the IT Department by creating over 20 digital work flows regarding policies and equipment management with Formstack

Lehigh University Library & Technology Services   Aug. 2022 – Present
Web Developer   *Bethlehem, PA*

- Maintained over 160 websites by addressing front end issues, and updating or adding web content through Jira ticket requests (HTML/CSS, JavaScript)
- Completed migration of over 300 web pages from Drupal 7 to Drupal 9 through content migrations, configuration changes, and themes updates
- Improved overall website accessibility score by 10% across all Lehigh's website by using Dubbot to identify and resolve accessibility concerns

Peak Systems, Inc.   June 2022 – Aug. 2022
Information Technology Intern   *New York, NY*

- Provided technical support to over 40 CitiBank employees, addressing & troubleshooting any computer hardware and software issues
- Reduced company equipment downtime by maintaining accurate inventory of company hardware through documentation and organization

PROJECTS

Capstone: Lutron Multi-User Floor Plan | *NextJS, TypeScript, Firebase, Cypress, Jest*   Jan 2024 – Present

- Collaborating with a team of four to develop a modern web application for Lutron that allows for real-time annotations and collaborative editing on imported floor plans
- Implementing floor plan manipulation and annotation functionalities using NextJS and TypeScript
- Developed comprehensive software architecture diagrams and documentation, and conducted presentations for Lutron's software engineering team to gather feedback and drive iterative improvements

TECHNICAL SKILLS

Languages: Python, TypeScript / JavaScript, Java, C, C++, SQL, HTML, CSS
Frameworks & Databases: NextJS, ReactJS, Express, Node, MongoDB, PostgreSQL, Jest, Cypress
Tools & Technologies: Git, Postman, Jira, Drupal, Bash, Linux