

# Chris Yeu

713-248-1926 | [chrisyeu11@gmail.com](mailto:chrisyeu11@gmail.com) | [linkedin.com/in/chrisyeu11](https://www.linkedin.com/in/chrisyeu11) | [github.com/chrisyeu11](https://github.com/chrisyeu11) | [chrisyeu.vercel.app](https://chrisyeu.vercel.app)

## EDUCATION

**Texas Southern University**  
*Bachelor of Science in Computer Science*

Houston, TX  
*Expected May 2025*

## EXPERIENCE

**UPS** Oct. 2023 – Present  
*Preload Manual Operation* *Stafford, TX*

- Optimized loading workflows by mapping 3D spatial arrangements to stack and position 900+ packages per shift efficiently, enhancing route efficiency and minimizing delivery delays.
- Leveraged logistics systems and internal tools to enhance accuracy and maintain data integrity across outbound operations, including edge cases and exception workflows.
- Coordinated with the management to resolve conflicts and onboard new hires, sharing techniques in load balancing, scan compliance, and safety protocol adherence.

**Childhood Cancer Society Hackathon** Jan. 2025 – Feb. 2025  
*Software Engineer / Data Analyst* *New York, NY*

- Built a crypto analytics tool to analyze and visualize ETH/USDT trade data, winning 1st place in a national social impact hackathon.
- Developed an end-to-end ETL pipeline using Pandas and PyArrow to process and structure over 2 GB+ data.
- Visualized trading trends and patterns using Matplotlib and Seaborn, enhancing data insights for informed decision-making.

**Houston Environmental Justice** June. 2024 – Aug.2024  
*Frontend Developer Intern* *Houston, TX*

- Developed and styled responsive web pages using HTML, CSS, and JavaScript based on client requirements.
- Collaborated with designers to translate wireframes and mockups into functional UI components.
- Debugged and resolved front-end issues to ensure seamless user interactions and improved website functionality.

## PROJECTS

**VaultTrack** | *Spring Boot, PostgreSQL, Maven, Next.js, Tailwind CSS* March 2025 – Present

- Developed and deployed RESTful APIs using Spring Boot, enabling full CRUD functionality with input validation via Jakarta Validation.
- Designed and mapped the Transaction entity model to a PostgreSQL database using Hibernate and JPA repositories.
- Troubleshooted and resolved backend setup issues, including Maven dependency conflicts, environment variables, and port binding errors.
- Tested endpoints using Postman and browser-based queries, validating dynamic query parameters (e.g., filter by transaction type).
- Built the front end with Next.js and Tailwind CSS, initializing project structure with TypeScript and ESLint for clean, scalable code.

**Java GUI Calculator** | *Java, Swing, IntelliJ IDEA, Git, GitHub* Mar. 2025 – Mar. 2025

- Designed and developed a desktop calculator using Java Swing, implementing responsive UI with JFrame, JPanel, JTextField and JButton components.
- Enhanced UX by enabling full keyboard support and mapping keys like Backspace, Delete, and Enter to calculator functions using InputMap and ActionMap.
- Implemented features such as a Dark Mode toggle, real-time operation display, and a scrollable history log to modernize the UI and improve interactivity.

## TECHNICAL SKILLS

**Languages:** Java, C#, Python, TypeScript, JavaScript, HTML, CSS, SQL.  
**Frameworks:** Spring Boot, Jakarta EE, Next.js, Tailwind CSS, Node.js, REST APIs, .NET  
**Developer Tools:** Git, Docker, Maven, Postman, MetaMask, ethers.js, PostgreSQL, APIs  
**Libraries:** React, Pandas, NumPy, Matplotlib