

Christopher Yeu

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Relevant Links: LinkedIn | GitHub | Portfolio

Technical Skills:

- **Languages:** Java, C#, Python, Go, TypeScript, JavaScript, HTML, CSS, SQL
- **Frameworks:** Spring Boot, Jakarta EE, Next.js, Node.js, Tailwind CSS, .NET, REST APIs
- **Libraries:** React, Pandas, NumPy, Matplotlib, scikit-learn, Seaborn
- **Databases:** PostgreSQL, MongoDB, DuckDB
- **Cloud Platforms:** AWS (EC2, RDS, S3, IAM), Azure
- **Developer Tools:** Git, Docker, Maven, Postman, MetaMask, ethers.js, Jira
- **Office Tools:** Microsoft Word, Excel, PowerPoint

Education:

Texas Southern University

Bachelor of Science in Computer Science

Houston, TX

GPA: 3.52/4.00 — May 2025

Work Experiences:

Foxconn Industrial Internet

Test Engineer

Houston, TX

May 2025 – Present

- Executed firmware diagnostics and testing on NVIDIA rack-mounted servers using Python scripts and MobaXterm for remote system access.
- Analyzed server performance metrics and identified firmware anomalies, facilitating timely issue resolution and system stability.
- Implemented automated testing procedures to validate firmware updates, optimizing system efficiency and reducing testing time by 30
- Collaborated with cross-functional teams to troubleshoot hardware and firmware inconsistencies, ensuring product integrity and operational accuracy.
- Documented diagnostic processes, test results, and system configurations to maintain comprehensive records for future reference.

UPS

Preload Manual Operation

Stafford, TX

October 2023 – Present

- Optimized loading workflows by mapping 3D spatial arrangements to stack and position 900+ packages per shift efficiently.
- Leveraged logistics systems and internal tools to enhance accuracy and maintain data integrity.
- Coordinated with management to resolve conflicts and onboard new hires.

Childhood Cancer Society Hackathon

Software Engineer / Data Analyst

New York, NY

January 2025 – February 2025

- Built a crypto analytics tool analyzing ETH/USDT trade data, winning 1st place.
- Developed an ETL pipeline using Pandas and PyArrow to process 2+ GB of data.
- Visualized trading trends using Matplotlib and Seaborn.

Houston Environmental Justice

Frontend Developer Intern

Houston, TX

June 2024 – August 2024

- Developed responsive web pages using HTML, CSS, and JavaScript.
- Collaborated with designers to build UI components.
- Debugged and resolved front-end issues.

College of Science, Engineering, and Technology (COSET) Summer Research

Data Analyst Intern

Houston, TX

June 2023 – August 2023

- Assisted in cleaning and preprocessing datasets using Pandas and NumPy.
- Designed visualizations with Matplotlib and Seaborn.
- Documented analysis methodologies and presented results.

Projects:

Stock Dashboard

April 2025

Next.js, TypeScript, Tailwind CSS, Chart.js, Finnhub API

- Built a responsive stock dashboard with live data fetching using Finnhub API, styled with Tailwind CSS.
- Implemented search, real-time sorting, and data visualization features to enhance usability and insights.
- Deployed application to Vercel with secure environment variable management for production readiness.

Income Prediction using Random Forest

March 2025

Python, scikit-learn, Pandas

- Built and trained a Random Forest model to predict income levels based on demographic and financial data.
- Preprocessed the dataset, handling missing values and applying feature engineering to improve model performance.
- Identified key features influencing income: Capital Gain, Occupation, Capital Loss, Age, and Hours per Week.

VaultTrack

March 2025 – Present

Spring Boot, PostgreSQL, Maven, Next.js, Tailwind CSS

Java GUI Calculator

March 2025

Java, Swing, IntelliJ IDEA, Git, GitHub