

# Christopher Yeu

713-248-1926   chrisyeu11@gmail.com   linkedin.com/in/chrisyeu11   github.com/chrisyeu11   chrisyeu.vercel.app

**Relevant Links:** LinkedIn | GitHub | Portfolio

## Technical Skills

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- **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

## Experiences

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### Foxconn Industrial Internet

Test Engineer

Houston, TX

May 2025 – Present

- Conducted comprehensive diagnostics on NVIDIA rack-mounted servers using Python and MobaXterm, detecting and resolving 20+ firmware anomalies, reducing downtime by 35
- Evaluated server performance metrics, identifying critical firmware discrepancies that increased system stability by 40
- Automated testing protocols for firmware updates, streamlining testing workflows and cutting testing time by 30
- Partnered with engineering and QA teams to resolve 15+ hardware and firmware inconsistencies, enhancing product integrity and reducing error rates by 25
- Compiled detailed diagnostic reports, logging over 50 system configurations and test outcomes to establish a robust knowledge base for future testing cycles.

### UPS

Preload Manual Operation

Stafford, TX

October 2023 – Present

- Streamlined package handling workflows, strategically arranging 900+ packages per shift to reduce loading time by 20
- Utilized logistics software to verify data accuracy, minimizing scanning errors by 15
- Facilitated the onboarding of 10+ new hires, conducting operational training and implementing conflict resolution strategies to improve team cohesion.

### Houston Environmental Justice

Frontend Developer Intern

Houston, TX

June 2024 – August 2024

- Engineered 15+ responsive web pages using HTML, CSS, and JavaScript, improving user engagement by 30
- Collaborated with UI/UX designers to implement interactive components, elevating site functionality and user experience consistency.
- Diagnosed and resolved 25+ front-end bugs, enhancing page load speed by 20

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

Data Analyst Intern

Houston, TX

June 2023 – August 2023

- Processed and cleansed 5+ large datasets using Pandas and NumPy, reducing data discrepancies by 25
- Generated 10+ data visualizations with Matplotlib and Seaborn, effectively communicating key insights to stakeholders and supporting data-driven decision-making.
- Compiled comprehensive analysis reports, documenting data methodologies and presenting findings to faculty and research teams, driving actionable recommendations.

## Projects

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### Stock Dashboard

April 2025

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

- Developed a responsive stock dashboard integrating live financial data from Finnhub API, achieving a 35
- Implemented advanced search, real-time sorting, and interactive data visualizations using Chart.js, enhancing user insights and data accessibility.
- Deployed to Vercel with secure environment variable management, ensuring production-grade security and maintaining 99

### Income Prediction using Random Forest

March 2025

*Python, scikit-learn, Pandas*

- Developed and fine-tuned a Random Forest model to predict income levels with 85
- Enhanced data quality by implementing feature engineering techniques and resolving 200+ missing data points, improving model precision by 20
- Extracted top predictive features, including Capital Gain, Occupation, and Hours per Week, driving actionable insights for income segmentation analysis.

### VaultTrack

March 2025 – Present

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

### Java GUI Calculator

March 2025

*Java, Swing, IntelliJ IDEA, Git, GitHub*