

# Edward Wu

[emwu@uchicago.edu](mailto:emwu@uchicago.edu) | [LinkedIn](#) | [GitHub](#) | [eddiemwu.com](http://eddiemwu.com)

## EDUCATION

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### The University of Chicago

Chicago, IL

*B.S. Computer Science, B.A. Statistics — GPA: 3.56/4.00*

*Sep 2024 – Jun 2028*

- **Relevant Coursework:** Theory of Algorithms, Databases, Systems Programming, Discrete Mathematics
- **Financial Markets Program:** Selective three-year program focused on quantitative finance acumen through experiential workshops, mentorship, and coursework at Chicago Booth.
- **Involvement:** Maroon Capital (Analyst), Sports Analytics Group (WebMaster), Maroon Capital Ventures (Associate Partner), Kappa Theta Pi, College IT (Part-Time Computer Assistant)

## PROFESSIONAL EXPERIENCE

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### SAS

Cary, NC

*Incoming Software Developer and Testing Intern*

*May 2026 – Aug 2026*

- Incoming intern for the Flow Team, responsible for a core piece of the SAS Studio web application on SAS Viya.

### North Carolina Football Club

Cary, NC

*Part-Time Data Analyst*

*Jul 2025 – Oct 2025*

- Analyzed 30,000+ entries of StatSports GPS data for 25+ professional athletes using **Python** and **R**.
- Engineered and structured a **PostgreSQL** database to centralize and query player performance metrics.
- Automated performance trend reporting for training and matches, reducing manual analysis time by **80%**.
- Delivered weekly data-driven visualizations via **Plotly**, **ggplot2**, and **Excel** to inform coaching staff decisions.

## PROJECTS

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### Fire CV | *Three.js, React Three Fiber, TypeScript, Azure OpenAI API*

Jan 2026

- Developed a 3D fire safety system placing **2nd out of 100+ teams** at Nexhacks, utilizing real-time navigation.
- Generated building-specific evacuation scenarios and feedback loops using **OpenAI Azure API**.
- Integrated Overshoot (YC W 26) API vision metadata to sync 3D model coordinates with indoor localization data.

### Divvy Data Analysis | *PostgreSQL, SQL, React, TypeScript, Tableau*

Jun 2025

- Managed and queried over **5,000,000 records** of Chicago Divvy bike trip data using a **PostgreSQL** database.
- Developed an interactive front-end [website](#) using **React** and **TypeScript** to visualize usage findings.
- Conducted extensive ETL processes to standardize raw trip data for seasonal trend analysis.

### Automated Stock Trading Bot | *Python, Alpaca API, WebSockets*

Mar 2025

- Developed an asynchronous algorithmic trading system to automate stock trades based on live market data.
- Built real-time data streaming infrastructure using **WebSocket** connections to execute instant trades.

## LEADERSHIP & ACTIVITIES

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### University of Chicago Sports Analytics Group

Chicago, IL

*Webmaster*

*Dec 2025 – Present*

- Solely developed the official organization [website](#) with TypeScript/React, deployed on Vercel.

### UChicago Varsity Men's Soccer

Chicago, IL

*NCAA Division III Student-Athlete*

*Aug 2024 – Present*

- Earned All-American 4th Team, All-Region 1st Team, All-Conference 1st Team, and All-District academic honors.
- Balancing 25+ hours/week while being a leadership council member and the Order of the "C" representative.

## TECHNICAL SKILLS & INTERESTS

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**Languages:** Python, TypeScript, JavaScript, SQL, Rust, C, R, HTML/CSS, Assembly

**Frameworks/Tools:** Git, React, Pandas, NumPy, scikit-learn, Docker, AWS

**Databases:** PostgreSQL, MongoDB, Supabase

**Interests:** Music Producer, Chess, Video Editing, Watching Sports