

# Connor Hyatt

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## EDUCATION

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### Carnegie Mellon University

B.S. in Information Systems

Pittsburgh, PA

Expected Graduation, May 2027

- Minor: Artificial Intelligence Management
- Coursework: Foundations of Software Engineering, Database Design & Development, Fundamentals of Programming, Design of Artificial Intelligence Products, Methods for Statistics & Data Science

## SKILLS

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**Programming Languages:** Python, SQL, JavaScript, Rust

**Tools & Frameworks:** Git/GitHub, Pandas, Docker, CI/CD, Linux, Agile (Jira), REST APIs, Excel, Jupyter

**Data Systems:** PostgreSQL, MySQL, Snowflake, MongoDB, Redis, Azure SQL

## PROFESSIONAL EXPERIENCE

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### Lunon – Software Engineer

August 2025 – Present

- Built a full-stack LLM consulting platform using Next.js, FastAPI, and Azure OpenAI, powering automated workflows, advanced knowledge retrieval, and deliverable generation for consulting firms
- Implemented a scalable RAG pipeline with MongoDB vector search and storage to connect internal data systems and produce insights more accurate than any standalone LLM

### Symetra – Data Analytics Intern

May – August 2025

- Utilized SQL and Python with Pandas to rebuild an R-based report generation process for Indexed Universal Life (IUL) policies, **cutting runtime by 99.83%** and eliminating 10 hours of manual processing each month
- Standardized dataset access by unifying fragmented SQL queries into a centralized enterprise data library, driving company-wide consistency in business intelligence and strengthening data-driven decision making

### CMU Extended Reality Lab – Software Engineer

May – August 2024

- Deployed a new XR Lab management system, including a HTML, CSS, and JavaScript web interface to manage headset reservations and explore immersive technology resources
- Engineered a PostgreSQL database, integrating SQL and Python automation to track equipment activity, produce usage metrics, and optimize resource allocation decisions

## PROJECT EXPERIENCE

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### Ferretti Yachts - Database Design & Data Analytics

- Created a MySQL database to replace disconnected spreadsheets, **removing 500+ duplicate records**
- Analyzed regional customer trends to guide yacht marketing and support expansion into **3 new dealerships**

### Social Media Sentiment Analysis – Python Data Analytics

- Constructed NLP pipeline (Pandas, NLTK) to **analyze 50,000+ political posts**, producing sentiment scores and ideological classifications; visualized emerging trends in political discourse with Matplotlib

## LEADERSHIP, AWARDS, COMMUNITY SERVICE

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### ALPFA Business Case Competition

October 2024

- Won **1st place** by designing an inventory management system for a local Latino grocery chain

### CMU Teaching Assistant (TA): Information Systems Milieux (67-250)

January 2025 – May 2025

- Guided **120 students** in data modeling, databases, information security, enterprise systems, and web development, linking technical skills to business strategy

### Team RobotiX – Co-founder & Board Member

August 2021 – Present

- Co-founded a 501(c)(3) nonprofit delivering STEM education to K-8 students with **6,000+** annual participants

### Dean's List with Honors

January 2024 – Present

- Recognized multiple semesters for outstanding academic performance of a **3.75 GPA** or better