
Education

University of Connecticut

Bachelor of Science, Computer Science, Economics
GPA: 4.0

Storrs, CT
May 2029

Technical Skills

Computer: Excel, Onshape (CAD software), Window Subsystem for Linux (WSL), Bash, PowerShell, Linux
Programming Languages: Java, Python, Rust
Tools: Git Version Control, Make, Cargo, GitHub, Maven

Relevant Projects

Neural Network Playing Poker

Without prebuilt machine learning libraries, the AI learned to play a version of Texas Hold'em Poker at a six-person table.

- Created a linear algebra library for machine learning
- Used the neural network architecture for machine learning
- Created a genetic based training algorithm with scores defined by a fitness function

Analysis of Usage Patterns at UConn's Recreation Center

Collecting data on the occupancy at our recreation center and analyzing how students use it.

- Created a web scraper and set up a server to run the web scraper and store the data
- Wrote a data pipeline to clean, filter, and standardize the data
- Graph and organize the data before doing analysis and providing hypotheses on the trends that emerged

Extracurriculars

The Husky Quantitative Group

2025-Present

- Build a back tester for research, execution engine for live trading, and a dashboard for management of the previous two items.
- Research and build quantitative trading algorithms optimized for endowment like funds.
- Discover and create a statistical edge through math and alternative data streams (Carbon Arc, Kalshi, etc.)

Robotics Team

2021-2025

- Won the 2024 robotics state championship and were finalists at the 2025 robotics state championship
- Doubled the size of the team both years through greater community involvement and outreach
- Coded and wired the whole robot during the building phase and drove the robot during the competitions
- Mediated communication between the different departments while building the robot and ensured the robot remained on schedule to be done by competition

Work Experience

Metropolitan District Commission

Hartford

Summer Intern

July-July 2023

- Was a part of a team, installing and configuring new phone system for headquarters office
- Digitized physical records into cloud database
- Reviewed GIS data for storm drain cleaning records

UConn Summer Bridge Program

Student

- Took prep courses for the fall semester over the five-week program
- Went on tours of engineering companies such as The Cigna Group, Medtronic, Synchrony
- Developing professional and academic skills through faculty speakers.