

# Wadih Pazos

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## Education

### Carnegie Mellon University

Pittsburgh, PA

BS Computer Science

May 2025

Concentration in Machine Learning

- **Coursework:** Machine Learning, Computer Systems, Parallel Algorithms, Functional Programming, Theoretical Computer Science, Math Finance, Probability, Linear Algebra.

## Work Experience

### the402 (YC '22 Startup)

Miami, FL

Software Engineer Intern

May 2022 - August 2022

- Worked on a Web 3.0 content streaming app interacting with the Ethereum blockchain.
- Built smart contracts in Solidity encapsulating logic for publishing, minting, and transacting NFTs.
- Developed browser-based user experience with React.js and Node.js and the iOS native experience with React Native.
- Identified a need for, designed, and implemented the live streaming capability, leading to greater platform adoption.

### PairSoft

Miami, FL

Software Engineer Intern

May 2021 - August 2021

- Improved optical character recognition module by implementing a new fuzzy matching algorithm leveraging the Elastic Search document database and search API.
- Implemented backend REST API using C#/.NET Core, which interacted with Google Tesseract and Elastic Search.
- Increased accuracy and fitness of PairSoft's OCR service leading to higher adoption and consumption.

### Coding Angel (Nonprofit)

Miami, FL

President and Founder

August 2019 - August 2021

- Built software for other nonprofits for free, providing access to technology that would otherwise be expensive to obtain.
- Led a board of 10 people while teaching over 60 students various programming languages over Zoom.
- Raised over \$500 for a scholarship for a student who has suffered and overcame a head injury.
- Provided a way for aspiring youth developers to learn to code while also helping the community and earning service hours.

## Projects

### Sports Betting Software

September 2022

- Created a python application to pull and organize different bets and their odds amongst various sports books to identify arbitrage and positive expected value betting opportunities.

### Nighthawk

February 2022

- Built a python bot leveraging the FTX.com public API to analyze market data and identify profitable trades for cryptocurrency options by identifying put-call parity violations and pricing discrepancies, generating an 11.5% annualized ROI.

### Live Like Bella Foundation - Gala Fundraising Application

September 2021

- Developed a fundraising web application with React.js, Express.js, and MongoDB.
- Processed donations while updating an onscreen thermometer displaying the amount raised in real-time.
- Used during the "live ask" portion of the gala where it supported a record-breaking raise of \$160,000.

### Live Like Bella Foundation - Raiser's Edge NXT Migration

December 2020

- Cleaned and migrated patient data from an inefficient excel file to Raiser's Edge NXT, using C#, .NET Core, and Cosmos DB.
- Supported LLB to transform and improve processes enabling the facilitation of financial assistance to over 3000 families.

## Skills

### Programming Languages

C, C++, Python, JavaScript, SML, C#, Java, HTML/CSS, LaTeX, SQL

### Tools/Frameworks

NumPy, Matplotlib, Node.js, Express.js, React.js, React Native, MongoDB, ASP.NET Core, SQL, Git