

# Will Palaia

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## Education

**University of Massachusetts Amherst**, Amherst, MA May 2025 (expected)  
**B.S. in Computer Science, B.A. in Economics**, GPA: 3.63/4.0  
Coursework: Data Structures, Linear Algebra, Programming Methodologies, Stats 515, Calculus 2

**Littleton High School**, Littleton, MA, GPA: 4.70/5 September 2017 - June 2021  
Coursework: AP Computer Science A, AP Physics, AP Calculus, AP Statistics, AP Macroeconomics

## Skills

**Languages:** Java, Python, JavaScript, Typescript, HTML, C  
**Technologies:** React, NodeJS, Git, AWS (ECS, EC2), Linux (Ubuntu), Docker, Kubernetes

## Experience

**Camp Tahattawan**, Littleton, MA June 2023 – August 2023  
Camp Counselor

- Assisted technology specialist in developing new and interactive ways to teach kids the basics of computing

**BigBear.AI**, Lexington, MA June 2022 – August 2022  
Junior Software Developer Intern (Full Stack Web Development and Data Engineering) - JavaScript, React, NodeJS

- Organized the development process for an application over a course of three two-week sprints
- Developed fully functioning and sellable Jira web application using Agile principles, hosted on AWS ECS
- Designed and integrated unit tests - increased total app test coverage by 15%

**US Soccer, Massachusetts Youth Soccer**, Lancaster, MA September 2017 – August 2022  
Soccer Referee

- Officiated youth soccer games with players ranging from 6 to 18 years old
- Managed assistant referees, players, and coaches for multiple hours in a row in a high-stress environment

**Teamworks**, Acton, MA June 2019 – September 2019  
Summer Camp Counselor

- Supervised a group of 25 campers aged 6 to 12. Led group through personally developed activities and games
- Developed and organized an event for all 100 campers involving multiple teams and Olympic style activities

## Projects

**Spotify Sound Recognizer**, Python November 2023

- Implemented a voice-controlled Spotify integration using natural language processing web API, enabling hands-free commands for play, pause, skip, rewind, and other functionalities

**Reward Collector Bot**, Python, AWS EC2 August 2023

- Created a Python automation script using Selenium and Chrome WebDriver to streamline website sign-in, including Google OAuth authentication and daily reward collection. Generates \$20 weekly

**Stock Trading Prediction Web App**, Python December 2021

- Built web app which takes in raw data from a stock, analyzes the data, and produces graphs based on the data
- Predicts what the stock price will be and what the trends will look like in following years

**Reddit Video Transcription Bot**, Python August 2021

- Developed Reddit bot that transcribes audio from video, deployed on AWS EC2 instance

## Activities/Interests

**Student Investment Management**, Amherst, MA February 2023 – September 2023  
Quantitative Data Analyst - Python

- Completed strict curriculum to gain a strong fundamental background in statistics, Python, data science/analytics, equities, options, futures, currencies, fixed income securities, and commodities

**Google Developer Student Club @ UMass Amherst** September 2022 - Present  
**Association for Computing Machinery @ UMass Amherst** September 2022 - Present  
**Science Olympiad Captain @ LHS** | Led team to States @ Harvard University March 2022  
**Interests:** Stock trading, poker, soccer, tennis, golf, drumming, video games