

# Will Palaia

[wpalaia.2022@gmail.com](mailto:wpalaia.2022@gmail.com) | 8 Matthew Drive, Littleton MA | 978-429-5570

## Education

**University of Massachusetts Amherst**, Amherst, MA May 2026 (expected)  
**Business Administration (currently switching to Computer Science)**, GPA: 3.825/4.0  
*Coursework: Data Structures, Linear Algebra, General Physics 1, Calculus 2*

**Littleton High School**, Littleton, MA September 2017 - June 2021  
*Coursework: AP Macroeconomics, AP Statistics, AP Physics C: Mechanics, AP Calculus AB, AP Computer Science A*

- GPA: **4.70/5 (weighted)**
- SAT: **1440, English: 680/800, Math: 760/800**

## Skills

**Languages:** Java, Python, JavaScript, HTML

**Technologies:** React, NodeJS, Git, AWS (ECS, EC2), Linux (Ubuntu), Docker, Kubernetes

## Experience

**Minutemen Capital Management**, Amherst, MA February 2023 - Present  
*Quantitative Data Analyst - Python*

- Currently going through strict curriculum to gain a strong fundamental background in equities, options, futures, currencies, fixed income securities, commodities, as well as data analytics/science, Python, etc.
- This is later used by joining a team and creating an algorithm from scratch, which will trade all types of securities.

**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

**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, AWS EC2 August 2021

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

**InvitR Mobile App**, Java March 2019

- Developed app which allows users to invite people to a party, then allows invitees to RSVP with details

## Awards

**University of Rochester Bausch and Lomb Honorary Science Award**, Littleton High School April 2021

- Awarded to highest achieving physics student in grade

## Activities/Interests

**Google Developer Student Club @ UMass Amherst** September 2023

**Association for Computing Machinery @ UMass Amherst** September 2023

**Science Olympiad Captain @ LHS | Led team to States @ Harvard University** March 2022

**Interests:** Stock trading, poker, soccer, tennis, golf, drumming, video games