Will Palaia

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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

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**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 September 2021 - June 2022

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