Will Palaia

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Education

University of Massachusetts Amherst, Amherst, MA　　　　　　　　　　　　　　*May 2025 (expected)*
B.S. in **Computer Science**, GPA: 3.63/4.0
Coursework: Data Structures, Linear Algebra, Programming Methodologies, Stats 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, Math: 760/800**

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*
- Developed a voice-controlled Spotify integration using natural language processing, 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 up to $20 per week

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

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