

# Adam Muzzarelli

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85 San Domingo Way

Novato, CA 94945

## EDUCATION

### UNIVERSITY OF CALIFORNIA LOS ANGELES

Los Angeles, CA — *BS in Computer Science; BA in Economics*

**Expected Graduation June 2024**

Cum. GPA: 3.79

Dean's Honors List

### SAN MARIN HIGH SCHOOL

Novato, CA

**Graduated June, 2020**

Cum. GPA: 4.38

ACT: 34

STEM Marin – Project based program focused on developing critical thinking, communication, collaboration, creativity, and work ethic while covering STEM content.

## EXPERIENCE

### Northrop Grumman — Redondo Beach, CA

**Summer 2023**

Software technical intern.

### Booz Allen Hamilton — Los Angeles, CA

**Summer 2022**

Created embedded system for cubesats that utilized ML for detection of ping flood cyber attacks.

### AYS Engineering Group, Inc. — Petaluma, CA

**Summer 2019**

Assisted in design of sewage and storm water systems using CAD. Ran percolation and survey field tests.

## PROJECTS

### Bartr — App Startup

**November 2020 - June 2022**

Hyper-localized trading platform for college students

Cross platform app design using Expo.

Developed UI/UX, frameworked business model.

### Mirror Bot — Crypto Trading Bot

**December 2022 - Present**

Bot that tracks trades performed by specific crypto wallets and mirrors investments. Useful for small cap momentum trading.

Implemented with Web3 and python.

### WSBot — Trading Bot

**June 2021 - November 2021**

WIP bot that functions off of momentum plays from retail investors and surge of online trading platforms.

Uses web scraping to create a watchlist of stocks.

## SKILLS

### Programming

#### Advanced:

Python, C++, Javascript, HTML/CSS

#### Familiar:

shell, R, dart

#### Frameworks:

React/NodeJS, Expo, Flutter, Web3

#### Tools:

Web, Git, Linux, Visual Studio & VSCode, RStudio

## COURSEWORK

### Undergraduate:

Machine Learning

Artificial Intelligence

Data Structures

Algorithms and Complexity

Programming Languages

Computer Organization

Software Engineering

Operating Systems Principles

Logic Design Of Digital Systems

Computer Systems Architecture

Formal Languages and Automata

## LINKS

GitHub://AdamMuzz

Personal://github.io

LinkedIn://Adam-Muzzarelli

Bartr://bartr.app

## ACTIVITIES

UCLA ACM - AI subfield

Phi Kappa Psi Recruitment Chairman

Phi Kappa Psi Housing Manager

## INTERESTS

Cooking, physics, digital art design, mountain biking, weight lifting