

Andrew Ting

Software Engineer · Sophomore · US Citizen

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Education

University of California, Berkeley

B.S. Electrical Engineering and Computer Sciences

Graduating May 2023

- **GPA: 3.95**
- **Relevant Coursework:** Data Structures (Java), Structure & Interpretation of Computer Programs (Python, SQL), Designing Information Devices and Systems (Linear Algebra, Circuits), Foundations of Data Science (NumPy, DataScience, Jupyter Notebook)

Trinity School, New York City

High School Diploma

Sep 2015 - May 2019

- **GPA: 3.9.** Graduated *cum laude* (top 22 students of class)

Work Experience

DIEMlife

Front End Software Engineering Intern

Aug 2020 - Present

- Worked closely with startup founder and 4 other devs on web/mobile app
- Angular frontend, Java backend, MySQL database, Git version control, Jira ticketing/project management
- Fixed countless critical bugs for web and mobile, unblocking thousands of users and multiple clients
- Add features like customizable pins & popovers to Mapbox API maps, an entirely new Activity Feed page
- Perform QOL improvements like optimizing quest page loading, saving users up to 2 seconds per visit.

AFX Tech, Berkeley

Music App Team

Feb 2020 - Present

- Released Slowify Music, an android music player for dancers, to Google Play
- Used Android Studio (Java, XML) to fix critical bugs in existing code and repair broken UI elements
- Now rebuilding the app with React Native for dual Android/iOS releases

Muse Games, New York City

Playtesting, Level Building Intern

June 2019 - July 2019

- Play-tested and bug-tested extensively for multiple builds of unreleased projects
- Used Trello to submit detailed bug reports and reproduction steps. Used Unity to design a level for EMBR

Projects

OversoldBounceBot: a 75% winrate trading algorithm made with Flask, TradingView webhooks, Alpaca Markets API, Heroku. Backtests of 11 stocks show an average annualized return of 26.61% with profit factors ranging from 2 to 13.

CheatSeat: a React.js web app that locates available seats in libraries and coffee shops. Created for CalHacks 6.0.

Skills

Programming Languages: Python, Java, Javascript/Typescript, HTML, SQL

Software/Development Tools: Git, Jira, Node.js, Angular, React.js, React Native, Android Studio, Jupyter Notebook

Extracurriculars

AFX Dance: Dancer in an urban dance group at UCB. 6 hrs/wk.

Retail Trader and Investor: Use options strategies to create good risk/reward trades. Coding a Trading Bot in Python.

Mechanical Keyboard (MK) & PC Enthusiast: Build, buy, and sell computers and MKs (72+ confirmed trades).

Artisan Keycap Maker: Created and sold custom artisan keycaps for MKs using silicone mold-making and resin casting.

DeHostos/Association to Benefit Children (ABC): Volunteered as a tutor at DeHostos & ABC once a week from 2017-2019.