Andrew Ting

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Education

University of California, Berkeley
B.S. Electrical Engineering and Computer Sciences   Aug 2019 - May 2023
- **GPA: 3.9/4**
- **Relevant Coursework**: Optimization Models in Engineering, Principles & Techniques of Data Science, Efficient Algorithms and Intractable Problems, Discrete Mathematics and Probability Theory, Data Structures (Java), Structure & Interpretation of Computer Programs (Python, SQL), Foundations of Data Science (NumPy, Pandas)

Skills

Programming Languages: Python, SQL, Java, Javascript/Typescript, C++, C, HTML, CSS
Development Tools: Docker, AWS, NumPy, Pandas, scikit-learn, Flask, Angular, Node.js, React/React Native, Git, Gitlab CI/CD

Work Experience

Palo Alto Networks, Santa Clara
Prisma Cloud SQA Performance Engineer Intern   May 2021 - Aug 2021
- Developed the Locust as a Service load testing framework and web app, a convenient, easy-to-use, centralized tool for API performance testing used multiple times a day to load test Prisma API calls. Boosts productivity by improving test visibility, providing easy session creation, file upload, and comparison features. Saves $70,000/year
- Created automated data collection script to gather data hourly for use in machine learning models. Saves 2 hrs/run

Flyerstack, Berkeley
Software Engineer Intern   Jan 2021 - Oct 2021
- Student-run Skydeck startup called Flyerstack: "Get notified about happenings tailored to your interests"
- Built mobile app MVP from scratch (250+ downloads). Created internal backend and web portal (saves 4 hrs/wk).

DIEMlife, New York City
Front End Software Engineering Intern   Aug 2020 - Jan 2021
- Worked closely with startup founder and 3 devs to write production-ready code for web and mobile apps (Angular)
- Significantly expanded Quest Maps feature (1500+ lines of code), saved users 2 secs/visit by optimizing Quest page loading, implemented social login (AAPL, FB, GOOGL), added Instagram profile linking, created Activity Feed page
- Fixed countless critical bugs and implemented improvements in response to feedback from users and founder

AFX Tech, Berkeley
Music App Team   Feb 2020 - Dec 2020
- Released a music manipulation & player mobile app for UCB dance org of 800+ members. Worked with 5 other devs

Projects

Caravan: [Whitepaper.](#) Finalist at ETHGlobal's Unicode hackathon winning $11,000 in prizes. [See Demo.](#) Featured in [Medium.](#) Caravan creates a secondary market for Uniswap V3 liquidity positions by enabling P2P renting, buying, and selling of LPs.
UniLend: [See DevPost](#). Won $3,650 in prizes at CalHacks 8. Later renamed to Caravan.
OversoldBounceBot: an intraday trading algo. Flask, PostgreSQL, Alpaca Markets API, Heroku. Returned 63% during 8 month forward test from Nov 2020 to July 2021 with 61% win rate over 900 trades.
KeyLevelsBot: a Python Discord bot. Streams price data in real time and alerts when stocks break above/below key levels.

Extracurriculars

Retail Trader and Investor: Use technical analysis and strict risk management rules to profitably trade stocks, options, and crypto. 30%+ and 150%+ 12 month returns in 5-figure stock and crypto accounts respectively. 4hrs/day
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