

# Alex Tsang

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## EDUCATION

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### UNIVERSITY OF MICHIGAN

*Bachelor of Science Engineering(BSE) in Computer Science; Planned minor in Business* *Ann Arbor, MI*

Cumulative GPA: 3.64/4.0

Coursework: Discrete Mathematics, Data Structures & Algorithms, Computer Organizations, Foundations of Computer Science, Planned Winter 21: Intro to Machine Learning, Web Systems, User Interface Development

### MOUNTAIN VIEW HIGH SCHOOL

Weighted GPA: 4.37/4.00, Test Scores: ACT: 34/36, Graduated Honors Roll

*Mountain View, CA*

*May 2019*

## WORK EXPERIENCE

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### GuideSpark

*Marketing Intern*

*Redwood City, CA*

*Jun 2019 – Aug 2019*

- Audited internal database to show up-to-date client information
- Created reports in Salesforce to measure quarterly KPIs such as net churn, ARR, and upsells
- Researched competition and compiled reports analyzing competitor data for marketing team
- Established training documentation to assist and accelerate new hire onboarding
- Wrote VBA scripts in Excel to organize client data and run statistical analysis on platform adoption rates
- Refreshed company website using WordPress

### Safeway

*Courtesy Clerk*

*Mountain View, CA*

*Apr 2018 – Sep 2018*

- Trained new hires in everyday responsibilities
- Worked collaboratively with team members to maintain store

## ACTIVITIES

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### THETA CAPITAL

*Director of Recruitment and Analyst*

*Ann Arbor, MI*

*Dec 2019 – Present*

- Founding member of Theta Capital, a finance group based around investment education of stocks and other financial instruments
- Led recruiting board, responsible for recruitment, conducting interviews and selection of new members
- Analyzed multiple factors in companies searching for future value and creating profitable trades
- Assessed and determined the possible risks associated with investments

### High School/College Tutor

*Tutor*

*Mountain View CA, Ann Arbor, MI, Remote*

*Jan 2018 – Present*

- Tutor high school level Chemistry, Geometry, Algebra, Trigonometry, Calculus, Physics, Biology, and Computer Science. Also tutors collegiate Chemistry, Multivariable Calculus, and Computer Science

## PROJECTS

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### INVESTING MADE SIMPLE

*July 2020*

- Designed and developed a web application based around hands on investment education
- Has built in lessons that give a step by step introduction on investing and stock analysis methods
- Implemented a functional, real time stock market simulator available for users implement their learnings
- Produced research methods where users can search stocks and gather technical info pertaining to each company

### STOCK MARKET SIMULATOR

*Feb 2020*

- Designed and implemented a stock market emulator that would match buy/sell orders given the current market
- Constructed state machines that would review time periods and give the optimal times a trader should buy or sell to maximize profit.

## ADDITIONAL

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**Technical Skills:** MongoDB • Java • JavaScript • HTML/CSS • C++ • React • jQuery • Node.js • Express.js

**Awards:** Certificate of Special Congressional Recognition (Received from CA Rep. Anna Eshoo)