

PRANAV KANCHI

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EDUCATION

New York University Leonard N. Stern School of Business

B.S. in Business concentrating in Finance, B.A. in Computer Science, and a Minor in Mathematics Expected May 2024

- **GPA:** 3.93/4.0 | Business Coursework: Financial Accounting, Economics, Sustainable Business, Data Science
- **Activities:** Entrepreneurial Exchange Group (Entrepreneurship Team), Quantitative Finance Society (Member)

University High School

Irvine, CA

High School Education

Aug 2016 - Jun 2020

- **GPA:** 4.55/4.0 | **SAT Score:** 1580/1600 (800 Math, 780 Reading/Writing) | 11 Advanced Placement Courses
- **Activities:** Future Business Leaders of America (President), Economics Club (President), Student Government (Treasurer), Math Club (Treasurer), Robotics Club (President), Economics Team (Captain), Math Team

PROFESSIONAL EXPERIENCE

CerraCap Ventures

Costa Mesa, CA

Investment Intern

December 2018 - Present

- Screened 20+ early-stage ventures based on deal sourcing data, market analysis, and online research
- Performed due diligence and developed stock pitches for potential investments to deploy \$15 Million Capital
- Created tax forms for investors and financial spreadsheets tracking performance for portfolio companies

Tel-Aviv University Laboratory for AI, Machine Learning, Business & Data Analytics

Tel-Aviv, Israel

Machine Learning Research Intern

June 2019 - September 2019

- Researched a new information gain weighting method for decision-tree classifiers under Professor Irad Ben-Gal
- Developed algorithm based on the new weighting system in Python using Scikit-Learn, Pandas, and NumPy
- Algorithm proved to be 15% more effective for Ordinal data sets with applications in financial prediction

Data Science Group

Tel-Aviv, Israel

Natural Language Processing Intern

June 2019 - July 2019

- Created machine learning models to predict futures prices from financial articles for Quantix trading algorithm
- Utilized Tensorflow, Word2VEC, and PCA for NLP feature extraction on futures financial articles
- Trained in a variety of data science techniques under Dr. Elan Sasson, including natural language processing (NLP), decision tree algorithms, random forests, gradient boosting, and Principal Component Analysis (PCA)

LEADERSHIP EXPERIENCE

UHS Future Business Leaders of America

Irvine, CA

President

June 2019 - June 2020

- Led weekly meetings on business topics for 200+ members and facilitated local, state, and national competition
- Formulated comprehensive 4-year restructuring plan with school administration to fit with new state guidelines

UHS Associated Student Body

Irvine, CA

Treasurer

June 2019 - June 2020

- Managed Over 1 Million Dollars in Student Body and School Funds
- Worked with school faculty, student organization leaders, and state auditors to ensure financial compliance
- Streamlined finance processes to automatically manage fund allocation using Google App Script and sheets

Orange County Math Circle

Irvine, CA

Elementary School Math Club Director & Problem Writing Director

June 2017 - June 2020

- Directed 200+ volunteers and served 1000+ students through tournaments, club meetings, and math fun nights
- Authored and Published a textbook on Elementary School Mathematics

PROJECTS

Munch

Irvine, CA

Founder and Developer

June 2019, December 2020 - Present

- A mobile app that helps groups choose where to eat by having individuals rate nearby restaurants simultaneously
- Iterating on the prototype iPhone app and matching algorithm with Swift, Yelp API, Firebase, and Google Maps

Pick Me Up

Irvine, CA

Web App and Algorithm Designer

March 2019

- A web app gamifying cleaning the environment using machine vision to identify trash in before and after photos
- Created web app and underlying algorithm utilizing Javascript, HTML, CSS, and Google Cloud Vision API

SKILLS, INTERESTS, & HONORS

- **Skills:** Java, Python, Swift, Javascript, HTML, SQL, Figma, Tensorflow, G-Suite, Microsoft Office, Spanish
- **Interests:** Behavioral Economics, Board Games, Violin Sonatas, Alternative Energy, Knot Theory, Mythology
- **Honors:** 4x AIME Qualifier, 4x FBLA Nationals Qualifier, US Mathematics Competition Association National 4th place team, National AP Scholar, Diamond Challenge National Semifinalist, Blue Ocean Top 100 Startup