

NIHAL BOINA

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EDUCATION

UC Berkeley - Management, Entrepreneurship, & Technology Program (M.E.T.) **Expected May 2025**

- Dual Degree: B.S. Electrical Engineering & Computer Science/B.S. Business (EECS + Business)

Relevant Coursework: Introduction to Machine Learning, Great Ideas in Computer Architecture, Data Structures, Probability and Random Processes, Negotiation and Conflict Resolution, Principles of Business, Wealth and Poverty

Academy of Science Leesburg, Virginia/USA **2018-2022**

- Computer Science National Honor Society President

Additional Coursework: Full-stack Web Dev Bootcamp, Machine Learning & Deep Learning A-Z

Strengths: Machine Learning, Probability & Statistics, REST API, Computer Architecture, Data Structures

EXPERIENCE

Rimble **Jun. 2023 – Aug. 2023**

Machine Learning Intern

Tech Stack: Python, Lambda, DynamoDB

- Designed and deployed machine learning pipeline REST API to automate odds predictions for competitive NBA2K
- Implemented automating pricing and questions derivatives for competitive CSGO games
- Conducted historical analysis, backtests, and implemented arbitrage opportunities for various esports

MyEdMaster **Mar. 2021 – Jun 2022**

Medical Machine Learning Project Lead

Tech Stack: Python w/ Tensorflow, Keras

- Taught the theory & application of Machine Learning with a focus in telemedicine and self-diagnosis
- Led a total of 300 students and guided students in conducting AI research

A-List-Empire **Nov. 2020 – Mar. 2021**

Software Engineering Intern

Tech Stack: Python w/ PyTorch, Flask, AWS RDS

- Designed and developed self-learning software for K-12 math education using PyTorch and Flask/AWS
- Deployed with Elastic Beanstalk and created associated backend processes for data storage using AWS RDS w/ MySQL

HKP Solutions **Aug. 2020 – Nov. 2020**

Frontend Engineering Intern

Tech Stack: Swift

- Helped design and develop frontend app for startup focusing on providing live, on-demand cleaning services
 - Developed around 30% of GTM UI
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PROJECTS

Food Grind ([link](#)) **Jan. 2023 – Present**

- Built full-stack crowd-sourced dining app for Berkeley students, used by roughly 1000 students daily
- Utilized: Flutter, Python, REST APIs, AWS RDS, AWS Lambda

Philio ([link](#)) **Aug. 2021 – Jan. 2022**

- Built full-stack social media app, attracted 9000 users & angel financing
 - Utilized: Flutter, Python, Firestore
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AWARDS & ACHIEVEMENTS

#9 Trending App in Food & Drink Category in iOS App Store (FoodGrind) **Jan. 2023**

USA Computing Olympiad Gold Division **Jan. 2022**

#12 Trending App in Medical Category in Google Play Store (Philio) **Aug. 2021**

Skills & Additional Information

- **Languages:** (*Proficient*) Python, JavaScript, Java, Flutter, HTML/CSS, (*Familiar*) C, C++, R
 - **Technologies/Frameworks:** (*Proficient*) Node.js, PyTorch, Pandas, TensorFlow, Flutter, (*Familiar*) Angular
 - **Other skills:** Data analysis & visualization (Tableau, SQL), AWS, Internet Protocols, Github, Docker
 - Fast learner, competitive, and collaborative
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