

Alvin Alaphat

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EDUCATION

University of Notre Dame, Notre Dame, IN

Bachelor of Science | GPA: 3.5 | Computer Science Major, Business and Real Estate Minor

Class of 2023

Eagle Scout, 2020 TEDx Speaker, Building Bridges Scholar

Saint Louis University High School, St. Louis, MO

Class of 2019

GPA: 4.3/4.5, ACT: 34 | Honors: First Honors, AP Scholar with Distinction, National Honor Society

WORK EXPERIENCE

Apple, Cupertino, CA

May 2022 – August 2022

Product Management Intern

- Current product management intern for Apple building out competitive strategies across our product offering

Prologis Ventures, San Francisco, CA

January 2022 – May 2022

Venture Capital Intern

- Built out in-depth market mappings, engaged with strategic partners through deal flow, and ran due diligence for tech startups across the real estate, ecommerce, and logistics industries
- Supervised multiple startup clients through the diligence process and pitched investment memos to partners and committee

AT&T Technologies, Los Angeles, CA

June 2021 – August 2021

Software Engineering Intern

- Deployed into production a Word2Vec pipeline for AT&T's data retrieval platform that improves relevant search phrases by 30% and consistently updates keywords to enhance the user search experience
- Optimized the pipeline execution to run on an automated schedule to make a previously tedious and manual three-hour process 90% more time-efficient

ChainTrail, Notre Dame, IN

August 2020 – May 2021

Data Science Intern

- Developed new AI fraud detection model for blockchain transactions utilizing big data to flag potential trading scammers
- Improved model from 64% to 90% accuracy using various Random Forest and cross validation techniques

Centene Corporation, St. Louis, MO

May 2020 – August 2020

Software Engineering Intern

- Designed an automated transaction monitoring and invoice system to increase efficiency of tracking monthly invoices by 80% and enabled a 50% increase in transaction monitoring accuracy
- Built a visual Splunk dashboard to track pending invoices and success metrics in real-time within a production setting

SiteRx, Columbia, NY

May 2019 – August 2019

Data Science Intern

- Implemented a machine learning model to classify and recruit with 87% accuracy qualified Alzheimer's and Parkinson's patients for clinical trials of modern medicine based on eligibility criteria within patient files

INDUSTRY TRAINING

What's the MOOV, Inc.

August 2020 – December 2021

Chief Technology Officer – Cofounder

- Co-founded and developed a social networking mobile app that aggregates events and exclusive business deals at universities and bridges the gap between diverse local communities using Google Cloud, Firebase, and Flutter
- Launched and acquired over 4,000 users within first two months (~50% of Notre Dame student population) and secured exclusive partnerships/deals with over 20 prominent local businesses in the surrounding college town
- Accepted into selective Notre Dame pre-accelerator program, received \$800,000 company valuation from seed investor, and obtained backing from Wilson Sonsini Goodrich & Rosati law firm

Notre Dame Venture Capital Club

General Partner

May 2022 – Present

- Performing diligence and providing active deal flow to our strategic venture partners and angel investors
- Managing an active investment portfolio and leading over 100 students through investigating various industries

SmartFund Research Project

January 2020 – May 2020

Research Student

- Improved a neural network by 33% accuracy using topic modeling, feature selection, and TF-IDF approaches to predict research project success based on textual analysis of research abstracts
- Received CUSE Grant to fully fund publication of research and presentation at 2020 IEEE Big Data Conference

Microsoft Preternship

Automatic Class Scheduler Project – Preternship Team Member

September 2020 – December 2020

- Partnered with Microsoft software engineer to build automatic class scheduler using high level C++ data structures
- Delivered professional memorandums and weekly code reviews to communicate progress over the course of the semester

SKILLS & INTERESTS

Technical – Python, Flutter, C++, JavaScript (Vanilla, Node), Firebase, MongoDB, Sklearn, Web Scraping, Pandas, Azure, Django

Interests – Music Production, Magic, Poker, Skateboarding, Meditation, Guitar, Piano, Soccer, Fishing, Trading