

# Alvin Alaphat

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## EDUCATION

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**University of Notre Dame**, Notre Dame, Indiana

**August 2019 – May 2023**

Bachelor of Science | GPA: 3.6/4 | Major: Computer Science, Minors: Business, Real Estate

Honors: Eagle Scout, TEDx Speaker, Building Bridges Scholar, CUSE Grant Recipient

## WORK EXPERIENCE

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**Notre Dame Venture Capital**

**April 2022 – Present**

*Managing Director*

- Closed 3 seed/growth deals collectively valued at \$140M; grew club from 12 to 96 students; installed investment committee
- Established partnerships with A16Z, Accel, Sequoia, Softbank, Tiger; wrote renewable energy and affordable housing theses
- Managed \$120k portfolio and modeled fund returns; supported founders through customer acquisition and fundraising

**Apple**, Cupertino, California

**May 2022 – August 2022**

*Product Management Intern*

- Identified and pitched \$60M market opportunity through competitive analyses and financial modeling methods
- Crafted separate product strategy documents for engineering, finance, sales, and marketing teams to drive alignment for over 50 customer pain points and business objectives
- Conducted customer interviews through product discovery to understand customer personas, rank areas of leverage, and build an informed hypothesis concerning the launch of a new product feature

**Prologis Ventures**, San Francisco, California

**January 2022 – May 2022**

*Venture Analyst Intern*

- Wrote competitive industry analyses, engaged with strategic partners through investment memos, and conducted due diligence for 8 startups across the ecommerce, real estate, and logistics industries
- Supervised 3 startup clients through diligence and pitched final investment memos to partners on the executive committee

**MOOV**

**August 2020 – December 2021**

*Founder*

- Co-founded and developed a mobile app that aggregated exclusive business deals and private events at 4 universities and bridged the gap between diverse local communities using Apple Pay integration, Stripe, Google Cloud, and Flutter
- Launched with over 4k users making payment transactions to over 30 local merchant partners in the surrounding college town; achieved 70% cohort retention; sponsored by Spikeball Inc and backed by Wilson Sonsini Goodrich Law
- Accepted into selective accelerator, pitched investors, and received an \$800k valuation through \$25k seed investment

**AT&T Technologies**, Los Angeles, California

**June 2021 – August 2021**

*Software Engineering Intern*

- Deployed a Word2Vec pipeline into production for the data retrieval platform that improved relevant search phrases by 30% and consistently updated keywords to enhance the user search experience
- Optimized the pipeline execution to run on an automated schedule and make a previously tedious and manual three-hour process 90% more time-efficient

**ChainTrail**, Notre Dame, Indiana

**August 2020 – May 2021**

*Data Science Intern*

- Developed an AI fraud detection model to analyze 700,000+ blockchain payment transactions and flag potential scammers
- Improved model from 64% to 90% accuracy using 3 Random Forest classifiers and various cross validation techniques

**Microsoft**, Notre Dame, Indiana

**September 2020 – December 2020**

*Preternship Team Member*

- Partnered with Microsoft software engineer to build automatic class scheduler that processed 1000+ undergrad courses
- Delivered professional memorandums and weekly code reviews to communicate progress over the course of the semester

**Centene Corporation**, St. Louis, Missouri

**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 700+ invoices and success metrics in real-time within a production setting

**Smart Fund Research Project**

**January 2020 – May 2020**

*Research Student*

- Strengthened a neural network to predict ROI of research project funding using topic modeling, feature selection, and TF-IDF approaches to drive textual analysis of research abstracts; increased model accuracy by 33%
- Received CUSE Grant to fully fund publication of research and present at the 2020 IEEE Big Data Conference

## SKILLS

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Technical – Python, Data Science, Sales, Mobile Development, Web Scraping, Basic Financial Modeling

Interests – Poker, Soccer, Chess, Substack, Music Production, Table Tennis, Standup Comedy, Magic, Tacos