

# 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*

- Incoming product management intern for Apple on their Claris team

**Prologis Ventures**, San Francisco, CA

*January 2022 – May 2022*

*Venture Capital Intern*

- Currently building out in-depth market mappings, contributing to investment memos, and running due diligence for tech startups across the Real Estate, Ecommerce, and Logistics industries

**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 – August 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

**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

## SIDE PROJECTS

**Economeme** – Webscrapes memes using the Twitter API and Azure's computer vision API to create a meme-based stock market

**Innovation Network** – Connects students in need with skilled trainers or tutors within a school community

**Scuttlebutt** – Web application that scrapes several sites to cross reference transfer rumors about any soccer team or player

**SummarizeThis** – Condenses long articles for students to a bite-sized version of the original content to enhance productivity by 80%

## 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