

ALVIN ALAPHAT

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[Personal Website](#)

alvinalaphat@gmail.com

EDUCATION

University of Notre Dame
B.S. in Computer Science
Minor in Corporate Practice
3.5 GPA, Graduating 2023

St. Louis U. High School
Graduated May 2019
First Honors, 4.0 GPA

SKILLS

Python, HTML/CSS, Java,
JavaScript, Sci-kit Learn,
Pandas, Matplotlib, Flutter,
MongoDB, BeautifulSoup,
Flask, AutoCAD, Xcode

Currently Learning
Node.js, TensorFlow, Azure

ACHIEVEMENTS

Eagle Scout
7 years of Scouting
culminated in a final project
that involved leading a team
to construct three large wolf
houses for the Endangered
Wolf Sanctuary

TEDx Speaker
Proposed a solution as to
how technology can be used
to promote meaningful
human interactions

EXPERIENCE

MOOV | *Technical Co-founder* September 2020 – Present

- Co-founded and developed a social networking app that aggregates events and businesses at universities and bridges the gap between diverse local communities
- Accepted into pre-accelerator program, received \$800,000 valuation, and obtained backing from Wilson Sonsini Goodrich & Rosati law firm

AT&T | *Software Engineering Intern* June 2021 – August 2021

- Currently building automated Word2Vec pipeline for AT&T's Data Platform

ChainTrail | *Software Engineering Intern* August 2020 – May 2021

- Developed AI fraud detection model for blockchain transactions utilizing large amounts of data to flag potential scammers
- Improved model from 64% to 90% accuracy using feature selection techniques

Centene Corporation | *Software Engineering Intern* May 2020 – August 2020

- Optimized the subscriber payment service by fully automating transaction monitoring using Python and SQL in a production setting
- Automated invoice system to achieve full hands-free tracking of monthly invoices which had previously been done manually and built a visual dashboard

SmartFund Research Project | *AI Research Student* January 2020 – May 2020

- Published and presented a research paper at the IEEE International Conference on Big Data with a machine learning project that predicted research project success
- Received CUSE Grant to fully fund publication and present research
- Improved our model by 33% through implementation of neural networks, Topic Modeling, and TF-IDF approaches

SiteRx | *Data Science/Software Intern* June 2019 – August 2019

- Worked remotely for a data science healthcare startup under the guidance of a Columbia University graduate student
- Developed code to classify and recruit qualified patients with diseases based on eligibility criteria that matched their patient files using regex, Python, and ML

INTERESTS: Making Music, Investing, Fishing, Soccer, Magic, Guitar, Real Estate

SIDE PROJECTS

Scuttlebutt – (BS4) Web app that scrapes several sites to find transfer rumors about any soccer team/player that is searched

SummarizeThis – (Python/Flask) Summarizes articles for college students to 20% of the content to enhance productivity

Innovation Network – (Node) Connects students in need with skilled trainers or tutors within the school community

EconoMeme – (Azure) Web scrapes memes and uses Twitter API/Computer Vision API to create a meme stock market

ND Marketplace – (Swift) Worked with Google developer to develop a marketplace iOS app for Notre Dame students

INDUSTRY PROJECTS

Microsoft Business Club Travel Team

- Pitched competitive market strategy to Microsoft software engineers to build interest in Azure amongst college students
- Developed technical demos on Microsoft Azure and a UI to demonstrate functionality

Microsoft Preternship Team Project

- Teamed with Microsoft software engineer to build and present an automatic class scheduler with high level data structures
- Delivered weekly code reviews and professional memorandums to detail progress