

## 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

### Technical Skills

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

### Currently Learning

Node.js, TensorFlow, iOS

## 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

## TECHNICAL EXPERIENCE

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

- Currently optimizing an AutoPay service to monitor transactions between the subscribers to various healthcare plans to ensure success of automated payments

**Cutco** || *Sales Representative* June 2020 – Present

- Sold premium kitchen cutlery to married homeowners to improve my communication skills and understand business processes

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

- Developed a machine learning tool for the government that analyzes research proposals and predicts the probability of project success to determine how much research funding to allocate to researchers across the country

**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 models in Sklearn

**Slalom** || *Shadow* June 2018 – June 2018

- Shadowed interns and software engineers working at Slalom Consulting and gained insights into the day-to-day tasks of the tech industry

## EMPLOYMENT

**Modern Market** || *Chef/Cashier* September 2019 – December 2019

- Rotated between all stations of the restaurant and became able to multitask as well as communicate effectively to facilitate a productive, work environment

**Culver's** || *Chef/Cashier* January 2019 – September 2019

**Sumplicity Math** || *Teacher* December 2017 — January 2019

- Taught various critical thinking math concepts to students and facilitated a passion for learning within the students

## SIDE PROJECTS

**Scuttlebutt** – web scrapes multiple sites to find all transfer rumors about any soccer team/player that is searched

**SummarizeThis** – uses NLP to summarize articles for college students to 20% of the content to enhance productivity

**Innovation Network** – connects students in need with skilled trainers or tutors within the school community

**EconoMeme** – web scrapes online memes and uses Twitter API to allow users to invest in a meme-based stock market

**ND Marketplace** – Working with Google developer to develop a marketplace iOS app for Notre Dame students

## INVOLVEMENT

### Microsoft Travel Team

- Presented various solutions to Microsoft software engineers to help build interest in using Azure amongst college students
- Developed technical demos on Microsoft Azure and a UI to demonstrate functionality and our learned knowledge of using Azure

### KPMG Travel Team

- Presented ideas to KPMG software engineers ways in which AI could serve McDonald's in its efforts to be more conscious of animal abuse issues and improve treatment