

# Suvan Dommeti

614-256-5768 | [suvandommeti0@gmail.com](mailto:suvandommeti0@gmail.com) | [linkedin.com/in/suvan-dommeti](https://www.linkedin.com/in/suvan-dommeti)

## EDUCATION

### The Ohio State University

B.S. in Computer Science & Engineering, B.S. in Data Analytics

GPA: 3.95

Graduation Date: Dec 2024

## EXPERIENCE

### Software Engineering / Product Management Intern

Northwest Bank

Aug 2023 – Present

Columbus, Ohio

- Increased API speeds by 15% by updating RESTful API to HTTP/2 while adhering to industry protocol.
- Managed the development of AI chatbot language models for financial support, resulting in a substantial 15% improvement in customer churn.

### Software Engineering Intern

SenseICs

Jan 2023 – Jun 2023

Columbus, Ohio

- Designed and implemented software components for classified projects for US Army, US Space Force, and US Air Force, resulting in a 100% successful deployment rate.
- Engineered a suite of tailored debugging tools for electrical engineers, delivering a 30% boost in testing speed and reducing errors by 20%.

### Special Projects Coordinator

Big Data & Analytics Association

Jan 2023 – Present

Columbus, Ohio

- Optimized year-to-year transitions by developing a streamlined website using React.JS, Tailwind CSS, Astro and HTML, reducing technology stack complexity by 50%.
- Led the planning and execution of data workshops, professional networking events, and hackathons, fostering engagement among a community of 300+ active members.

### Data Science Intern

OSU Transitional Data Analytics Institute

Aug 2022 – Feb 2023

Columbus, Ohio

- Executed a Python-based data mining system using the Pandas and Scrapy libraries to analyze over 10,000 presidential donation records from the FEC website with an accuracy rate of 98%.
- Employed machine learning techniques to optimize the matching algorithm and reduce false positive matches, resulting in a 20% improvement in precision.

### Teacher Assistant - Gov1005: Big Data

Harvard College

May 2022 – Aug 2022

Cambridge, Massachusetts

- Re-engineered 'primer.tutorials' R package by introducing new modules and enhancing existing ones, improving the user experience by 30% and resulting in a 20% increase in usage.
- Coordinated weekly review sessions and provided personalized feedback to 50+ students, resulting in a class-wide increase of final project grades by 15% on average.

## PROJECTS

### TrackShare | Flutter/Swift, AWS S3, Express.js, RESTful api

May 2023 – June 2023

- Creating a social media app to empower users to effortlessly share curated playlists with an extensive album library of over 5,000 titles.
- Integrated Spotify's API and AWS S3 to power a recommendation algorithm and reduce the need for a CDN.
- Developing an app for a seamless user experience, with a goal of achieving a 4.5/5 user rating, using native Flutter/CSS and design thinking principles.

### Legal Q&A Language Model | Python, Flask, OpenAI Api, NLTK

Mar 2023 – Mar 2023

- Designed and deployed an advanced language model using OpenAI API, achieving a 30% reduction in client downtime by collecting and displayed frequent legal query questions and responses (Model Estimate).
- Improved client access to legal counsel with a seamless model integration into a live web interface, resulting in a 40% reduction in response time.

## SKILLS

**Languages :** Java, Python, C#, R, SQL/PostgreSQL, HTML/CSS, C++

**Technologies :** PyTorch, .NET, Git, RESTful api, gRPC, Apache Maven, Docker, Flask

**Relevant Courses:** Data Structures and Algorithms, OOP (Software 1 & 2), Discrete Math, Probability & Statistics

## ACHIEVEMENTS

**Winner (1st) :** LexisNexis Big Data Hackathon (Won over \$1000 in prizes)

**Academic Honors :** CodePath Tech Interview Prep Scholar, Valedictorian, ACT - 35, SAT - 1570, National Merit Finalist