

Suvan Dommeti

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EDUCATION

The Ohio State University

Columbus, Ohio

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

May 2025

- **Organizations:** Buckeye Undergraduate Consulting Club (BUCC), Buckeye Capital Investors (BCI)

GPA: 3.97

WORK EXPERIENCE

Northwest Bancshares

Columbus, Ohio

Software Engineering/ Product Management Intern

Aug 2023 – Present

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

WillowTree Apps

Durham, North Carolina

Software Engineering Intern

May 2023 – Aug 2023

- Redesigned client app by using a microservice model and incorporating containers through Docker, ultimately increasing speeds by 15%.
- Developed an intuitive workflow for app design by working with UI/UX + Product Team to reduce the number of clicks required to order by 100% increasing customer satisfaction.

SenseICs

Columbus, Ohio

Software Engineering Intern

Jan 2023 – June 2023

- 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%.

OSU Transitional Data Analytics Institute

Columbus, Ohio

Data Science Intern

Aug 2022– Feb 2023

- 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.

PROJECT EXPERIENCE

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)

Winner (1st) : Honda Data Hackathon (Won over \$500 in prizes)

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