

Suvan Dommeti

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EDUCATION

The Ohio State University

Columbus, Ohio

M.S. in Computer Science and Engineering (Concentration in HCI)

Jan 2025 - May 2026

B.S. in Computer & Information Science (GPA: 3.96/4.00)

Aug 2022 - Dec 2025

B.S. in Statistics (GPA: 4.00/4.00)

Aug 2022 - Dec 2025

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, C++, Python, SQL, C#, Go, Scala, R, WebAssembly, Cx86 Assembly

Libraries/Frameworks: React, Next.js, Node.js, TailwindCSS, Spring Boot, .NET, PyTorch, Apache Spark, Jest, gRPC, FastAPI

Other: AWS (Cloud Practitioner), Git, Terraform, CI/CD (Jenkins), Docker/Kubernetes, Postman, OracleDB Linux, Splunk

WORK EXPERIENCE

Amazon Web Services (AWS)

May 2025 – Present

Software Development Engineer Intern

- Incoming on AWS Bedrock Team (Improving API performance for foundational model integration in generative A.I. applications)

J.P. Morgan Chase

May 2024 – Aug 2024

Software Engineer Intern

- Led frontend architecture migration from React to Next.js for Blueprint, reducing load time by 60% for 10,000+ daily users
- Collaborated with designers to implement 7 new UI components, establishing a design system used across 2 applications
- Improved data pipeline latency by 40% merging 7 data ingestion APIs into 3 endpoints, added Splunk logs to monitor performance
- Achieved full test coverage deploying applications to AWS via Cloud Foundry and Jenkins, monitored by Jest and JUnit
- Ensured 99.9% reliability for pipelines handling 1M+ daily events by integrating Kafka streams with automated error recovery

Yale Law School Eviction Lab

May 2024 – Present

Research Assistant

- Developing an open-source Python library to predict demographic shifts and gentrification patterns, now used by ~500 researchers
- Created ML models with 82% accuracy in predicting neighborhood gentrification, leveraging TensorFlow and historical datasets
- Engineered a data scraper to automate housing data collection, transforming 1M+ listings into structured datasets for model training

Northwest Bancshares

Aug 2023 – Dec 2023

Software Engineer/Product Management Intern

- Boosted customer satisfaction scores by ~1 star and reduced churn by 15% by launching an in app AI based financial assistant
- Deployed chatbot infrastructure on Azure Kubernetes Service, scaling to 500+ daily interactions with high reliability
- Eliminated 1,000+ monthly customer service calls by building a dynamic FAQ system sourced from real-time chatbot queries

WillowTree Apps

Jun 2023 – Sep 2023

Software Engineer Intern

- Developed Dairy Queen's app prototypes in Flutter, increasing test group satisfaction by 25% through live testing and feedback loops
- Integrated updated Stripe payments feature into demo app, eliminating transaction errors and ensuring 100% reliability in tests
- Built and deployed 3 features in Kotlin for the production android app, fully integrated with backend services and client infrastructure

TECHNICAL PROJECTS

WikiMedia (Wikipedia) | Python, PyTorch, Amplitude

Aug 2024 – Present

- Built an ML model to classify AI vs human generated content, improving content attribution accuracy by 23% across 100,000+ articles
- Discovered a 30% higher community engagement on articles with a balanced bot-human edit ratio by analyzing 1M+ bot edits

Group Me Spam Detection | AWS(Lambda, Eventbridge, API Gateway), Python, Pytorch

Dec 2023 – Present

- Successfully deleted 3000+ spam messages by building a spam-detection model and integrating it with GroupMe API using Lambda
- Won 'Most Creative Hack' at HackI/O 2023 and expanded the bot to 20 group chats within 10 months, releasing 3 updates since

LEADERSHIP EXPERIENCE

a16z | College Talent Fellow

Aug 2024 – Present

Big Data & Analytics Association | President

Jan 2024 – Present

- Expanded sponsor base from 2 to 11 companies by leading partnership outreach and hosting 20+ events with Fortune 500 firms
- Launched a weekly lecture series on machine learning and data science, reaching 100+ students and ending in a 400-person gala
- Organized two tech career fairs (1,000+ attendees each) and hosted DataI/O, a 2 day intercollegiate analytics & data hackathon