ADITYA NAMBI

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Education

Texas A&M University **August 2022 – May 2026**
Bachelor of Science in **Computer Science** *with Minor in* **Philosophy** *and* **Mathematics** *College Station, Texas*

Relevant Coursework:
- Data Structures
- Software Engineering
- Algorithms Analysis
- Database Systems
- Computer Systems
- Computer Organization
- Software Security
- Programming Languages

Experience

JP Morgan Chase **June 2025 – August 2025**
Software Engineer Intern *Plano, Texas*
- Developed client evaluation tool with **Java**, **SpringBoot**, and **myBatis** to help create over **3 billion dollars** in new lending opportunity for the bank.
- Automated review workflow tasks to help save over **2000 hours** of manual effort every year.
- **Optimized** and updated database schema/tables through indexing to improve run time for **critical** deliverables.

Texas A&M Computing Society **January 2025 – Present**
President *Texas A&M*
- Overseen all operations for TAMU ACM Chapter, including the most recent **hackathon** with over **300 participants**.
- Led outreach to over **20 companies**, including **Apple**, **Amazon**, and **Google**, by initiating and maintaining professional communication to secure guest speakers for club events and sponsors.
- Designed beginner-friendly workshops on **REST APIs**, **React**, and **Figma** to enhance members' skills and promote hands-on learning during club meetings.

Projects

Inclusive Connect | *Next.Js, Supabase* **October 2024**
- Created a resource to help underprivileged job candidates connect with recruiters at companies and have resources to optimize their portfolio and job search.
- Used **OpenAI's GPT-4** to create an **AI chat bot** and resume review tool to help answer career and resume questions.
- Presented in front of **senior leaders** at JP Morgan Chase as well as leadership at a small business.

OneStopShot | *React, Flask, Matplotlib, Python, scikit-learn, Pandas* **July 2024**
- Developed a comprehensive tool for basketball analysis by building a web application that accesses **1000+** NBA player data points, allowing users to view detailed career and season statistics, as well as visualizing shot charts.
- Enhanced predictive insights into the NBA season by creating an **AI model** that analyzes data from **65,000 NBA games** to forecast the next champion.
- The project provided a dynamic way for users to engage with the NBA data and make informed predictions based on historical trends.

AirBud | *React-Native, Typescript* **January 2024**
- Facilitated better social interactions among flight passengers by designing a mobile app that introduces ice-breaking games.
- Transformed the in-flight experience by eliminating awkwardness and encouraging positive social interactions.
- The project aimed to make flights more enjoyable by fostering connections among passengers.

Bloomberg Industry Group Datathon Challenge | *Python* **October 2022**
- Demonstrated expertise in data analysis and problem-solving by creating a dataset from over **30,000** articles.
- The project involved reversing an unknown embedding process and using **k-means** clustering techniques to identify and classify similarities among the articles.
- Won **1st place** in the Bloomberg Industry Challenge, with innovative data analysis.

Technical Skills

Languages/Frameworks/Technologies: Python, C++, C, React, Node.Js, Flask, Javascript, Typescript, Java, PostgreSQL, MongoDB, NoSQL React-Native, HTML, CSS, Linux, Docker, Selenium, Git, Next.js, Tailwind CSS, scikit-learn, Pandas, AWS, Liquibase, Springboot, myBatis, Kafka, Azure
Methodologies/Concepts: Agile, Waterfall, Test-Driven Development, Object-Oriented Programming, Machine Learning