Arinjoy (AJ) Das

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EDUCATION

University of Michigan   **Ann Arbor, MI**
Bachelor of Science in Engineering in Computer Science   *April 2026*

Activities: Kappa Theta Pi - Professional Tech Fraternity; Michigan Music Business Club - Premier Music Business Organization; Indian American Student Association

Relevant Coursework: *Software Engineering* (EECS 481), *Major Design Experience* (EECS 496), Foundations of Computer Science (EECS 376), Computer Organization (EECS 370), Computer Security (EECS 388), Data Structures and Algorithms (EECS 281), Linear Algebra, Multivariable and Vector Calculus, Data Analytics Tools and Techniques, Statistics & Data Analysis

EXPERIENCE

Wells Fargo   **Chandler, AZ**
Software Engineer Intern, Consumer Technology   **June 2025 - August 2025**

- Originated and optimized a Python-based Coverage Analysis Tool to automate scenario matching between Jira and Confluence datasets, improving audit traceability and reducing manual review time by 94%, saving over 208 hours in total effort
- Led ORBO audit reviews and lifecycle scenario analysis by engineering a fuzzy matching engine and prompt-driven comparison logic; collaborated with stakeholders to align coverage across test libraries and cut solution development time from 80 hrs to 8 hrs

Michigan Music Business Club   **Ann Arbor, MI**
President   **April 2025 - Present**

- Lead 90+ members across 5 teams, overseeing MMBC's long-term vision, operations, and marketing strategy; scaled Instagram following from 450 to 2300+ through automated content systems, A/B testing, and creator-led campaigns with famous artists
- Direct club-wide initiatives including a redesigned website, newsletter (2000+ subscribers, 70% open rate), and digital campaigns, resulting in a 165% increase in engagement and 60% boost in site traffic

Kappa Theta Pi   **Ann Arbor, MI**
Director of App Development   **August 2024 - Present**

- Spearheaded a cross-functional team of 10+ developers and designers in the complete development lifecycle of a mobile application, utilizing technologies in particular Dart, Flutter, Android Studio, and Firebase
- Maintained a robust app store presence across both iOS and Android ecosystems, resulting in over 1,750 downloads and 35,000+ impressions on iOS alone, while ensuring uniformity in branding and functionality on all platforms

740 Project   **Santa Monica, CA**
Software Engineer and Marketing Intern   **June 2024 - September 2024**

- Performed social media audits using Python and Google Analytics to drive a 35% increase in performance, while leading SEO-integrated campaigns that boosted artist visibility by 40% and streaming by 55%

PROJECTS

MScribe   **Summer 2024**

- Architected a Chrome extension enhancing UMich lecture experiences, combining React frontend with Flask backend and advanced AI (Pinecone + LangChain), resulting in a 40% reduction in student study time
- Optimized RAG implementation through rigorous A/B testing, achieving a 30% improvement in response accuracy and reducing AI processing time by 50%, while managing secure data flow with custom PHPSESSID extraction

SongSync   **Summer 2024**

- Built a React web application for mood-based playlist creation, integrating advanced audio analysis with the Spotify API to access comprehensive music data and features, while using FastAPI to ensure efficient and scalable API development
- Utilized SQL to build a database for efficient song access and playlist management, employing advanced audio analysis algorithms to match tracks based on mood-related features such as energy, tempo, and danceability with 95% user satisfaction

Kappa Theta Pi Life App   **Winter 2024 - Present**

- Engineered a streamlined account management system with bulk deletion capabilities, improving administrative control and data management. Introduced Firebase integration for real-time data synchronization and efficient user account handling
- Pioneered iOS widgets and transformed comprehensive search functionality using Dart/Flutter, enhancing user experience and navigation efficiency for 90+ members. Integrated Google Sheets API for updating rushee score more efficiently

SKILLS

Languages/Technologies: Python, C/C++, FastAPI, Git, SQL, React, Next.js, HTML, CSS, Jira, Dart, Flutter, Pinecone, Firebase
Interests: DJing, Filmmaking, Hip-Hop/Rap Music, Entrepreneurship, Community Service/Volunteering