

# Arinjoy (AJ) Das

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## EDUCATION

### University of Michigan

Ann Arbor, MI

Computer Science, BS, College of Engineering, **GPA: 3.47 / 4.00**

August 2022 - May 2026

**Relevant Coursework:** Data Structures and Algorithms, Computational Linear Algebra, Programming and Intro to Data Structures, Discrete Mathematics

**Honors and Awards:** Dean's Honor List

## EXPERIENCE

### Michigan Music Business Club

Ann Arbor, MI

Vice President, Marketing Team

December 2023 - Present

- Implemented a dynamic content creation system for MMBC's TikTok/Instagram presence, resulting in a 139% increase in interaction and reach, growing from an original base of 450 followers
- Initiated campaigns such as 'New Music Friday', 'Trivia Tuesday', and 'Artist/Member Spotlights', increasing audience engagement and brand visibility across Spotify and Instagram
- Pioneered development of the "B Major Podcast", orchestrating 8 interviews and discussions on key music industry topics, garnering over 200+ hours of total watch time

### Vibrant NDT Corporation

Albuquerque, NM

Engineering Intern

April 2022 - May 2022

- Conducted extensive resonance testing on various automotive and aerospace components, completing 150+ tests that significantly improved performance, achieving a 95% increase in accuracy and reliability
- Analyzed resonance data using Excel, transforming complex datasets into clear, concise reports, which were presented to a key client in Germany, receiving commendations for clarity and thoroughness
- Collaborated closely with the CEO in reviewing and updating the company's Quote Logs, streamlining the quotation system, resulting in improved efficiency for company resources and spending

## PROJECTS

### Kappa Theta Pi Life App - Design

Ann Arbor, MI

App Designer and Developer

November 2023 - Present

- Developed an innovative scheduling feature for existing members with integration with Google Calendar
- Employed Figma skills to prototype aesthetics of user interface design, productively translating client requirements and user feedback into visually appealing and user-friendly layouts

### SPARK Electric Motorcycle Racing Team

Ann Arbor, MI

Powertrain Control Engineer

December 2022 - December 2023

- Employed Controller Area Network (CAN) and Process Data Object (PDO) messaging to precisely calculate throttle response and torque output, resulting in upgraded motorcycle performance and improved acceleration
- Developed and integrated algorithms into the motorcycle's display system, refining the system's functionality and user interaction by optimizing real-time data processing
- Collaborated with 5+ team members, contributing to the successful completion of project milestones

## SKILLS

*Computing Languages:* C++, MATLAB, C, Java, Julia, R, HTML, CSS

*Computer Skills:* Microsoft Excel, Powerpoint, Word, Figma for UI/UX design

*Film Editing Software:* Adobe Premiere Pro, Final Cut Pro