

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 (EECS 281), Computational Linear Algebra (ROB 101), Programming and Intro to Data Structures (EECS 280), Discrete Mathematics (EECS 203)

EXPERIENCE

Vibrant NDT Corporation

Albuquerque, NM

Engineering Intern

April 2022 - May 2022

- Conducted comprehensive resonance testing on a wide array of automotive and aerospace components, executing over 150+ tests notably enhancing performance and culminating in a remarkable 95% improvement in both accuracy and reliability across these critical industries
- 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 company's Quote Logs, streamlining the quotation system, and resulting in improved efficiency for company resources and spending

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 substantial increase in follower interaction and reach by introducing artist spotlights and themed posts
- Initiated campaigns such as 'New Music Friday' and 'Trivia Tuesday', increasing audience engagement and brand visibility across platforms (Spotify and Instagram)
- Pioneered development of the "B Major Podcast", orchestrating interviews and discussions on key music industry topics, garnering over 200+ hours of total watch time

PROJECTS

Kappa Theta Pi Life App - Design

Ann Arbor, MI

App Designer and Developer

November 2023 - Present

- Developed an innovative scheduling for existing members with seamless 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 seamlessly integrated advanced algorithms into the motorcycle's display system, refining the system's functionality and user interaction by optimizing real-time data processing
- Fostered collaboration with team members, contributing to the successful completion of project milestones

SKILLS

Computing Languages: C++, MATLAB, C, Java, HTML, CSS

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

Film Editing Software: Adobe Premiere Pro, Final Cut Pro