Arnav Dashaputra

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EDUCATION

Rutgers, The State University of New Jersey   **New Brunswick, NJ**
- Bachelor's degree, Computer Science - Rutgers School of Arts and Sciences   January 2025
  - Minor in Data Science

Relevant coursework: Data Structures, Design and Analysis of Computer Algorithms, Computer Architecture, Discrete Structures II, Software Methodology, Statistical Inference for Data Science, Intro Data Science (Machine Learning), Data Management for Data Science, Data in R, Internet Technology, Linear Algebra, Calculus II, Minds Machines and Persons

PROFESSIONAL EXPERIENCE

Computer Laboratory Consultant   **New Brunswick, NJ**
- *Rutgers University Office of Information Technology*   April 2022 – January 2025
  - Communicated with patrons to diagnose an average of 25 technical issues weekly, utilizing knowledge of major operating systems and internal and external tools, leading to a 15% increase in issue resolution
  - Boosted user satisfaction rates by reducing average troubleshooting and problem-solving times by over 20%

Regional Director, Chief Hiring Manager, Web Developer   **Bridgewater, Green Brook, and Hillsborough**
- *Code Ninjas*   October 2020 - Present
  - Conceptualized, designed, and authored innovative coding curricula tailored to over 400 students over 24 week-long sessions across 3 centers; used this program to springboard customer registrations by over 70%
  - Conducted hiring, screening, and management of over 40 individuals, enhancing team productivity by 90%
  - Increased web traffic by 40% and rise in enrollments by 20% by developing business' website and utilizing SEO
  - Coached and mentored over 500 children aged 7-15 in Scratch, JavaScript, and Unity, resulting in a 100% passing rate in student proficiency exams, and raised engagement for students in higher-level coding programs

Open-Source Programming Contributions
- *GitHub, etc.*   February 2016 - Present
  - Developed Python scripts for COVID Atlas, resulting in a 30% increase in data granularity for the country of India, and 4% reduction in overall crawl speeds leading to more accurate data sources for external references
  - Implemented an open-source NodeJS-based Discord bot named Tangerine, providing clients with moderation and growth tools which successfully attracted 350,000 concurrent users across more than 500 unique servers

LEADERSHIP AND ACTIVITIES

Vice President of Communications   **Rutgers University, NJ**
- *Sigma Phi Epsilon, NJ Beta*   October 2023 – November 2024
  - Boosted online presence by leading a 15% growth in Instagram followers and 10% growth in website activity
  - Orchestrated internal communication by efficiently implementing platforms including LinkedIn and Discord
  - Planned, strategized, and executed major projects and goals in consultation with executive board members

Chief Logistics Manager, Business/Communications Sub-team Captain   **Montgomery High School, NJ**
- *Team 1403 Cougar Robotics*   September 2017 – July 2021
  - Led a team of 104 members to qualify for FIRST Robotics Competition World Championships in 2018-2020
  - Composed and edited multiple award-winning essays for the Chairman's award at local and regional levels
  - Managed the Audio/Visual, Business & Communications, Strategy, and Outreach components of the team

SKILLS

- **Full Stack Web Development:** HTML5, CSS3, JS, Node.JS, Bootstrap, jQuery, AOS, ExpressJS, NPM
- **Data Science:** Java, JS, R, Python (Pandas, NumPy, Scikit-Learn, Seaborn, OpenCV, BeautifulSoup), C#, SQL
- **Additional Training:** Android SDK, AutoHotKey, Git/GitHub, Office 365, Adobe Suite, Google Analytics, AWS, WP

ACTIVITIES

- **Hackathons:** Winner of MontyHacks I, IV, V, Participated in HackMHS I-V, HackJA, hackPHS, hillsHacks, among others
- **Volunteering:** Scouts BSA Life Scout, MLK Youth Center Programming Tutor, FRC Robotics Student Volunteer
- **Interests:** Computer Building with Custom Water Cooling, Custom Mechanical Keyboards, MCUs, AI/ML, VR, Vinyls