Arnav Dashaputra

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OBJECTIVE

Recent Computer and Data Science graduate seeking a role that applies expertise in Python, data visualization, and statistical analysis to help extract insights and drive strategic decision-making. Offering a strong blend of technical proficiency and leadership to optimize processes, solve challenging problems, and develop data-driven solutions.

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: Data Science.

Relevant coursework: Linear Algebra, Calculus, Data Structures, Algos, Computer Architecture, Discrete Structures, Software Methodology, Internet Tech, Statistical Inferencing, Machine Learning, Data Mgmt., R, Tableau, Ethics of AI.

SKILLS

- **Data Science Tools:** Python (Pandas, NumPy, Scikit, Seaborn, OpenCV, BeautifulSoup, Selenium), R, SQL, Tableau.
- **Languages & Frameworks:** Java, HTML/CSS, JavaScript, Node.JS/NPM, Bootstrap, jQuery, ExpressJS, React, C#.
- **Other:** Android SDK, Bash, Regex, ASM, AutoHotKey, SEO, VS Code, GitHub, MS 365, Adobe Suite, Google Analytics.

PROFESSIONAL EXPERIENCE

Computer Laboratory Consultant   **New Brunswick, NJ**
- *Rutgers University Office of Information Technology*   April 2022 – January 2025
  - Independently diagnosed a weekly average of 50 technical issues, utilizing knowledge of operating systems, proprietary, and industry-standard IT software, leading to a 15% increase in laboratory ticket resolutions.
  - Boosted patron satisfaction rates by reducing average troubleshooting and problem-solving times over 20%.

Regional Director, Lead Hiring Manager, Web and Systems Developer   **Bridgewater, NJ**
- *Code Ninjas*   October 2020 - Present
  - Conceptualized, designed, and authored innovative coding curricula tailored to over 500 students over 36 week-long sessions across 3 centers. This program contributed to a 70% increase in customer registrations.
  - Hired and screened over 60 employees and interns and held workshops improving teaching qualities and skills.
  - Increased web traffic by 40% and rise in enrollments by 20% by developing business' website and utilizing SEO.

Programming Contributions and Independent Research
- *Open-Source Projects*   February 2016 - Present
  - Implemented predictive models with Python using regression, feature engineering, and evaluation techniques & leveraged SQL databases for robust analysis, generating actionable insights across various research projects.
  - Developed Python scripts for COVID Atlas, resulting in a 30% increase in data granularity for the country of India and a 4% reduction in overall crawl speeds; enabled more accurate data sourcing for external app usage.
  - Implemented a NodeJS-based Discord service called Tangerine to provide clients with moderation and growth utilities, successfully attracting over 350,000 concurrent users across more than 500 unique servers at its peak.

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.
  - 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
  - Individually led a team of 104 members to qualify for the FIRST World Championships three years in a row.
  - Composed and edited multiple award-winning essays for the FRC Chairman's Award at local & regional levels.

ACTIVITIES

- **Competitions:** Winner of MontyHacks I, IV, V, Submitted in HackMHS I-V, HackJA, HackPHS, HillsHacks, RidgeHacks, among others.
- **Volunteering:** Scouts BSA Life Scout, MLK Youth Center Programming Tutor, FRC Robotics Volunteer, MontyHacks Mentor.
- **Interests:** Custom Water-Cooled Computers, DIY Mechanical Keyboards, IoT & Embedded Hardware Prototyping, AI/ML, Vinyls.