

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.
 - Minor: Data Science.

January 2025

Relevant Courses: Linear Algebra, Calculus II, Data Structures, Algos, Comp. Architecture, Discrete Structures, Software Methodology, Internet Tech, Statistical Inferencing, Machine Learning, Data Mgmt. (SQL), Data in R, Tableau, AI Ethics.

SKILLS

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

PROFESSIONAL EXPERIENCE

Computer Laboratory Consultant

New Brunswick, NJ

- *Rutgers University Office of Information Technology*

April 2022 – January 2025

- Diagnosed an average of 50 technical issues per week by using ServiceNow workflows, OpenRegistry and other IDMS, PaperCut and Icinga for printer management, AllSight for IT asset management, and SecureW2 for network authentication and security; utilized Slack for streamlined communication and collaboration.
- Reduced average troubleshooting time by 20% through efficient issue resolution strategies and proactive system monitoring and maintenance.

Regional Director, Lead Hiring Manager, Web and Systems Developer

Bridgewater, NJ

- *Code Ninjas*

October 2020 – Present

- Increased customer registrations by 70% by designing and authoring innovative coding curricula for over 500 students held during 36 week-long sessions across three different branch locations.
- Hired and screened over 60 employees and interns and held workshops improving teaching qualities and skills.
- Increased web traffic by 40% and enrollments by 20% by developing the business's website and implementing SEO strategies, including keyword optimization, speed improvements, and data insights from Google Analytics.
- Analyzed email campaign results using A/B testing and other techniques to refine engagement strategies.

Programming Projects

- *Tangerine*

June 2020 – June 2023

- Developed a NodeJS-based Discord service to provide advanced moderation and growth utilities to Discord server administrators; utilized various NodeJS libraries to aggregate and deliver real-time data to server users.
- Leveraged VPS and Heroku Dynos to remotely administer and horizontally scale the bot, ensuring optimal performance for over **300,000 daily users across 500+ unique Discord servers** at its peak.
- Created a landing page using Bootstrap and JavaScript to showcase the service and enhance user engagement; designed all branding and visual assets from scratch using Photoshop, creating a professional brand identity.

LEADERSHIP

Vice President of Communications

Rutgers University, New Brunswick, NJ

- *Sigma Phi Epsilon, NJ Beta*

October 2023 – November 2024

- Boosted online presence by leading a 15% rise in Instagram engagements, and 10% growth in website activity.
- Planned, strategized, and executed major projects and goals in consultation with executive board members, leading to increased recruitment, greater recognition from nationals, and earning both the Benjamin Hobson-Frayer Award for Excellence in Communications and the Talent Power Award for Excellence in Recruitment.

Chief Logistics Manager

Montgomery High School, Skillman, NJ

- *Team 1403 Cougar Robotics*

September 2017 – June 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.