Arnav Dashaputra

Princeton, New Jersey • Mobile: (908) 952-8341 • Email: arnav.dashaputra@gmail.com
Website: https://dashaputra.net • LinkedIn: https://linkedin.com/in/dashaputra • GitHub: ArnavD74

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 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, Scikit-learn, Seaborn, OpenCV, BeautifulSoup, Selenium), R, PostgreSQL, 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

Full-Stack Developer **Remote**
Carevion March 2025 – Present
- Architected and deployed HAPI FHIR JPA servers on AWS and integrated them to a managed PostgreSQL database; utilized Docker, AWS EC2, AWS RDS, and pgAdmin agents for secure, scalable infrastructure provisioning.
- Designed and developed a React-based web application to interface with the FHIR server API, implementing advanced state management, data fetching, and dynamic UI behavior by using React Hooks and TanStack Tables.
- Automated server operations by writing Python scripts for bulk CRUD operations and FHIR resource generation.

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 print device management, and SecureW2 for network authentication and security.
- Reduced average troubleshooting time by 20% through efficient issue resolution strategies and proactive system monitoring and maintenance; utilized ServiceNow ticketing with Slack for communication and collaboration.

Regional Director, Lead Hiring Manager, Systems Developer **Bridgewater, NJ**
Code Ninjas – Bridgewater, Green Brook, & Hillsborough, NJ October 2020 – Present
- Improved customer subscription registrations by 70% by designing and authoring innovative programming curricula for over 500 students held during 36 week-long camp 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, A/B tests, and data insights from Google Analytics.

Programming Projects **Remote**
Tangerine June 2020 – June 2023
- Entirely 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 virtual private servers and Heroku Dynos for remote administration and dynamic horizontal scaling, ensuring optimal performance for over **300,000 daily users across 500+ unique Discord servers** at its peak.

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.
- Strategized and executed major projects in consultation with executive board members, earning both the *Benjamin Hobson-Frayser 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
- Led a team of 104 members to secure three consecutive qualifications for the FIRST World Championships.
- 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, others.
- **Volunteering:** Scouts BSA Life Scout, MLK Youth Center Programming Tutor, FRC Robotics Volunteer, MontyHacks Mentor.