# Arnav Dashaputra

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## EDUCATION

**Rutgers, The State University of New Jersey**                                    **New Brunswick, NJ**
Bachelor's degree, Computer Science – Rutgers University 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, Tanstack, Node, Bootstrap, jQuery, Express, C#.
- **Other:** Android SDK, Bash, Regex, ASM, Heroku Dynos, LaTeX, GitHub, Figma, MS 365, Adobe CC, Google Analytics, SEO.

## PROFESSIONAL EXPERIENCE

**Full-Stack Developer**                                                                    **Remote**
*Carevion*                                                                        March 2025 – Present
- Deployed and configured HAPI FHIR servers on AWS, integrating them with managed PostgreSQL databases; utilized Docker, AWS EC2/RDS, and pgAdmin for secure, scalable, and customized 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 static resource generation.
- Developed a React application in collaboration with UX designers, using Figma for streamlined design integration; ensured a consistent and seamless client-side experience by using React Router and custom UI component libraries.

**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 using ServiceNow workflows, OpenRegistry and other IDMS, PaperCut and Icinga for print device management, and SecureW2 for network authentication and security.
- Reduced average resolution turnaround times by 20% through proactive system monitoring, efficient troubleshooting, and effective prioritization; leveraged ServiceNow with Slack for rapid support coordination.

**Center Director, Lead Hiring Manager**                                            **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 to improve teaching skills and qualities.
- Increased web traffic by 40% and enrollments by 20% by developing the business's website and enhancing SEO through keyword optimization, performance tuning, A/B testing, and data-driven 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.
- 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.
- 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 students to secure three consecutive qualifications for the FIRST Robotics World Championships.
- Composed and edited multiple award-winning essays for the FIRST Chairman's Award at local & regional levels.