

RIA BENDIGANAVALE

US Citizen | NJ | ria.ben723@gmail.com | (732) 402-4805 | <https://github.com/ria-ben> | <https://ria-ben.github.io/PW2026/>

LinkedIn: <https://www.linkedin.com/in/rbendiganavale/> | Cleared for Secret /Top Secret information by the OPM (Issued: June 2024)

EDUCATION

Rutgers University ~ New Brunswick

Major: Bachelor of Science - Computer Science & Cognitive Science

May 2026

GPA: 3.4/4.0

- **Relevant Coursework:** Algorithms, Data Structures, Object-Oriented Programming, Introduction to Artificial Intelligence, Computer Architecture, Data Management, Linear Optimization, Internet Technology, Data Science, Software Methodology, Statistics

EXPERIENCE

NBCUniversal

Product Management Intern - Peacock Streaming Platform (Content Experience)

New York, NY

September 2025 - April 2026

- Increased click and retention rate by improving SQL queries, UI/UX, and accuracy for key plays/highlights for MLB, NBA, and FIFA
- Led daily cross-functional meetings to develop and scope MVP, write PRD, and implement GenAI tooling to assess and present data
- Created several design mockups and ran A/B testing using Optimizely, assessing user group trends, anomalies, and future opportunities

Wells Fargo

Full Stack Software Engineer Intern - Enterprise Functions Technology Team (Java, React)

Iselin, NJ

June 2025 - August 2025

- Created and automated tools for an MCP server for the connection of GenAI to support invocation on a profit-view analysis platform
- Implemented RESTful API's for client profitability analytics, adding endpoints for financial detail, product usage, and variance analysis
- Integrated frontend components for an internal use policy AI chatbot using Figma for design creation and React for development

Rutgers Bloustein School of Planning and Policy: Informatics Program

AI and Marketing Research Assistant

Piscataway, NJ

March 2025 - Oct 2025

- Led the organization and promotion of RAISE'25, a national data science and AI competition, driving visibility and participation
- Collaborated with the frontend software engineering team to develop the RAISE '25 website, improving its usability and functionality
- Authored articles for AI courses and curriculum development, creating accessible learning resources and educational experiences

Lockheed Martin

Full Stack Software Engineer Intern - Space Business Area (C#, Angular)

Rockville, MD

June 2024 - Aug 2024

- Modernized applications for the analysis of satellite communication, translating binary messages to reader-usable data with Pandas
- Updated and utilized satellite data through SQL to write and test several message parsing features from C++ legacy code to C#
- Created UI/UX wireframes and endpoints utilizing API services for the development of frontend features using Angular and Tableau

Kumon Math and Reading Learning Center

Instructor/Tutor

Monroe, NJ

Sept 2019 - June 2022

- Administered assessments, monitored progress, and maintained effective communication with over 15 students and parents
- Delivered personalized lessons to students, adapting teaching methods and materials to address individual learning styles
- Facilitated group learning sessions, fostering collaboration, critical thinking, skills, and peer-to-peer support among students

LEADERSHIP

HackRU (Major League Hacking Member Event)

Executive Director/ President

Piscataway, NJ

June 2023 - May 2024

- Orchestrated and judged a biannual Hackathon with a participation of over 500 attendees at Rutgers University
- Directed and collaborated with 6 sub-teams, organizers, volunteers, and alumni to ensure seamless event execution
- Managed a budget of \$30,000 and formulated partnerships with industry professionals, receiving \$5,000 from sponsorships

Society of Asian Scientists and Engineers (SASE)

Internal Vice President

Piscataway, NJ

April 2024 - Present

- Organized executive and general meetings and oversaw collaboration efforts with student organizations and SASE chapters
- Served as an executive board mentor for 10 underclassmen members, facilitating their academic and professional growth
- Managed a budget of over \$5,000 for SASE events, securing an additional 3,000 through company sponsorships and scholarships

PROJECTS

Citi Bike Demand Predictor - Python, SQL, Flask: <https://github.com/ria-ben/Citi-Bike-Project>

- Collaborated with a team to clean, process, and analyze 35M+ Citi Bike trip records using Python and an SQL database for querying
- Built time-series forecasting models with Prophet to predict bike demand across stations, integrating data tools (Matplotlib) for insights
- Utilized Flask to package forecasting scripts, overcoming challenges in scalability, time zone inconsistencies, and large dataset handling

Lens Learn - Python, JavaScript, Huggingface - Developing

- Developing a full-stack, AI photo composition assistant integrating Huggingface vision models and a microservice-based architecture
- Integrated models that provide suggestions on depth cues, subject tagging, segmentation-based guidance, and style-transfer previews
- Implemented interactive, low-latency UI (React + Canvas) for overlaying composition guides and switching film-style previews

TECHNICAL SKILLS/INTERESTS

Languages/Frameworks: Java, Python, Angular, React, JavaScript, HTML, CSS, MATLAB, .NET, SQL, Jupyter Notebook

Tools: Git, Gitlab, Agile Methodology, JIRA, Microsoft Office, SDLC, CI/CD, Databases, Confluence, AWS, PostgreSQL, Azure, Linux

Interests/Qualifications: Graphic Design, Weightlifting, Photography, Spraypainting, Drawing, Singing, Biking, Reading, Volunteering