# Varalika Varanasi

[vvaranasi03@gmail.com](mailto:vvaranasi03@gmail.com) | (609)-332-5405 | Mount Laurel, New Jersey

## SUMMARY

Detail-oriented student seeking an internship to utilize skills in analytics tools, remote research tools, and project management, gained through coursework and previous experiences.

## EDUCATION

**Rutgers University**, New Brunswick, NJ
**Sept. 2021 – December 2025**
   **Bachelors in** Cognitive Science and Computer Science        GPA: *3.6*

## WORK EXPERIENCE

**FreeAxez – Delran, NJ / June 2025 – August 2025**
Data Analyst Intern

- Utilized **PostgreSQL and Node.js** to clean, structure, and pipeline enterprise data, boosting accessibility and reducing manual reporting by **30%**
- Built automated workflows using **AWS Lambda, AWS RDS,** and Python, streamlining operations and cutting routine task time by 35%
- Developed AI-powered tools with LLM APIs (OpenAI, Anthropic, Google) and integrated third-party services like the Zoom API and AWS SES to automate communication and cross-team collaborationX
- Created responsive internal interfaces using JavaScript, HTML/CSS, and backend services to enhance user adoption of automation solutions by 25%
- Collaborated with department leads to deploy cloud-first, serverless solutions that supported scalable, data-informed decision-making across 5+ teams

**Best Logic Staffing – Remote | May 2025 – August 2025**
Graphic Design Intern

- **Assist in creating visual assets**—including logos, brochures, mascots, websites, posters, and social media graphics—while collaborating with the GM/Designer to brainstorm, refine design concepts while **utilizing Adobe Creative Suite (Photoshop, Illustrator, InDesign)**.
- **Implement feedback-driven revisions** to ensure high-quality, accurate outputs that align with project goals.
- **Conduct industry research** to inform designs and stay current with trends and best practices.

**Puratos- Remote| January 2025- May 2025**
Externship via Rutgers MBS Externship Exchange

- Designed and deployed a **web-based go-no-go decision tool** to evaluate **strategic R&D partnerships** in the food innovation space.
- Built **an interactive, modular decision tree with optimized UI** and deployed it via Render for scalable web access.
- Led **technical team operations, project planning, and documentation** using best practices in **agile development and stakeholder alignment.**

## RELEVANT PROJECTS

- **Language & Cognition Research:** Designed a **SQL database and Tableau** dashboards to analyze how Chol's morphological complexity impacts sentence comprehension and working memory.
- **AI-Powered Personal Assistant**: Developed a **Python**-based voice assistant with **NLP** for speech recognition and task automation, integrating a Weather API.
- **Machine Learning & Personalization:** Designed a personalized fanfiction platform with a custom chatbot tailored to Draco and Hermione fanfiction (*Star-Crossed Spells: Draco & Hermione*), using the **OpenAI API**
- **Survey & User Research:** Executed research projects (*Canvas Redesign*) using tools like **SurveyMonkey, Userzoom Go, and Google Analytics** to analyze user responses and improve **platform functionality and user experience**.
- **UX & Platform Optimization:** Led the redesign of the Rutgers Canvas learning system, creating **user-friendly wireframes** and **prototypes in Figma and Canva** to streamline navigation, improve calendar functionality, and eliminate app redundancies.
- **Immigration Data Analysis:** Analyzed OECD immigration data (2000–2021) to uncover **predictive models by scrutinizing data** on immigrant origins and **inflow patterns across diverse countries.**

## CERTIFICATIONS

- **LinkedIn Learning- Agentic AI Fundamentals: Architectures, Frameworks, and Applications (June 2025):** Studied autonomous agent architectures, reinforcement learning, multi-agent systems, and ethical, secure AI deployment.
- **LinkedIn Learning — Hands-On AI: Build a Generative Language Model from Scratch (March 2025):** Built a text completion model and a social media comment filter using generative AI techniques.
- **Boston Consulting Group — Virtual Experience Programs (Forage) | March 2025:** Developed an AI-powered financial chatbot using Python and pandas to analyze 10-K/10-Q filings, and conducted user research, persona development, and product ideation for a new banking solution.
- **Rutgers University — Creative X Certificate** (April 2023): Redesigned a mobile application through a 10-week UX/UI program, building low- and high-fidelity prototypes using Figma and Canva.

## SKILLS

Python, Java, AWS, HTML, CSS, SQL, Figma, C++, Linux, Google Analytics, MS Office, Adobe Suite, Canva, R, Pandas.