

# Diya Nair

[dn2549@barnard.edu](mailto:dn2549@barnard.edu) | 603-450-9990 | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

## EDUCATION

### Barnard College, Columbia University

New York, NY

B.A in Computer Science and Philosophy Minor, GPA: 3.68

Sep 2022-May 2026

- **Relevant Coursework:** Advanced Programming in C, Data Structures in Java, Intro to Programming in Java, Data-Driven Design for Social Innovation, Policy for Privacy Technologies, Discrete Math, Principles of Economics

## WORK & LEADERSHIP EXPERIENCE

### Aquafoundry

Bangalore, India (Remote)

Artificial Intelligence Intern

June 2024 – Present

- Creating AI-based prediction algorithms using YOLO (You Only Look Once) and other object detection algorithms to detect diseases, pests, growth, and harvest detection at India's first fully managed aquaponics farm.
- Creating front-end Aquaponics Resource Planning Website displaying harvest and disease status.

### Columbia Organization of Entrepreneurs

New York, NY

Almaworks Fellow: SEO Analyst Intern

February 2024 – Present

- Contributing to keyword research success of high-potential search terms and reporting on KPIs to track progress and measure success of SEO initiatives in the petite women's fashion niche at Columbia-affiliated startup Leon.

### Columbia Organization of Entrepreneurs

New York, NY

Product Manager Fellow

February 2024 – April 2024

- Learning and using common PM tools including RICE Analysis, Painted Door Test, SQL, Net Promoter Score, PRDs and Product Briefs, Funnel Analysis from PMs at top technology companies including Google, Microsoft, Spotify, and Mastercard

### Columbia Higgins Lab

New York, NY

Research Assistant

June 2023 – August 2023

- Using Natural Language Processing (NLP) and R to analyze conversational dynamics among strangers to prove the “shared reality” theory
  - Assisting Emma Miller (PhD Student in Psychology) to analyze and prove shared reality theory using computational research with NLP (VADER) and R data visualizations.

### Columbia Daily Spectator

New York, NY

Graphics Deputy Editor

September 2022 – Present

- Pitching stories, analyzing data, and [creating visualizations](#) in collaboration with University News using Python packages and libraries (Seaborn, Plotly, and Matplotlib, VADER), R, and Adobe Illustrator.
- Leading and mentoring team of 11 data journalists in assigning stories, editing stories, holding training sessions, and keeping strict deadlines for breaking stories

## SKILLS, ACTIVITIES & INTERESTS

**Technical Skills:** Java, C, Linux, Python, Swift, HTML, CSS, Javascript, Adobe Illustrator, Microsoft Office Suite, LaTeX

**Projects:** HTTP/1.0 server written in C (Class Project), [Covoogole](#) - to predict future hotspots using Google Search Keyword Trends, [Covid Salud](#) - to support the Latinx community during the COVID pandemic

**Activities:** Columbia Organization of Entrepreneurs (Member), Columbia Hindu Student Organization (Interfaith Chair), Columbia Meet Me at the Museum (Member)

**Interests:** making playlists on spotify that are “zeitgeist mosaics” of my life and singing (musicals, Japanese, Spanish, and Indian spiritual music)