# Vaishavi Jayashankar

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## EDUCATION

**Northeastern University**, Khoury College of Computer Sciences *(Standing Junior)*  **Boston, MA**
*Candidate for B.S. Computer Science & Business Administration, 3.4/4.0 GPA*  *Sept 2023 – May 2027*
Semester In: Seattle **Cloud Computing** Program  *Sept 2024 - Dec 2024*
- Dual enrollment at **AWS (Amazon Web Services)** & NU Seattle **Graduate** Campus

**Northeastern University London** *(Student Ambassador, NUL Podcast Producer/Editor)*  *Sept 2023 - Apr 2024*
  <u>Programming/Design Tools</u>: Java, Python, JavaScript, Kotlin, HTML5, CSS, R, SQL | AWS, Bootstrap, React, Mockito, IntelliJ IDEA, VS Code, Jupyter Notebook | Figma, Canva, Spline, Blender
  <u>ML/Data Science</u>: Weka, RStudio, Microsoft Excel, Airtable, Chronus, Babele, Machine Learning

## WORK EXPERIENCE

**NU Center of Entrepreneurship Education**  **Boston, MA**
*Data & Impact Co-op*  *Jan 2025 – Present*
- Redesigned and led NUCEE's Impact reporting process, overseeing data collection and analysis for VMN, IDEA, and Mosaic, improving transparency and evaluation of program success
- Overhauled data collection methods, standardizing processes across departments and leveraging tools like Tableau and Salesforce, enhancing accuracy for 8,000+ students
- Led transition to a new data management system, optimizing tracking for 300+ mentors and 500+ students, streamlining operations, and improving reporting capabilities.

**Northeastern University London**  **London, UK**
*Student Ambassador*  *January 2024 - May 2024*
- Fostered engagement with students, faculty, staff, and alumni by representing the university and strengthening community relationships for an incoming class of 1,000+ students
- Spearheaded 2-hour group tours for international families and responded to inquiries on Unibuddy (2-3 hours/month), delivering research insights and a unique US student perspective, driving engagement and enriching visit experiences

**San Diego Supercomputer Center (SDSC) , UC San Diego**  **San Diego, CA**
*Machine Learning & Bioinformatics Intern*  *Aug 2021 - June 2022*
- Developed ML model with data on 50+ samples analyzing correlations in GI gut microbiota & ASD symptoms through data mining 3,000+ bacterial classifications & achieving stratified cross-validation on 35 instances
- Presented ML model & research at the *UCSD MAP Symposium*, revealing insights into GI microbiome to ASD

## PROJECTS

**Mood-Based Spotify Playlist Generator**  *In Progress*
- Built a web app that generates personalized Spotify playlists based on user mood using sentiment analysis. Integrated the Spotify API to fetch relevant playlists and displayed them in a responsive UI. Deployed the app on AWS for scalability and performance. Technologies used include JavaScript, React.js, Express.js, Spotify API, Sentiment Analysis, and AWS

**Alumni Activity Data Visualizations & Marketing Analysis**  *May 2024*
- Created 10+ interactive data visualizations to highlight alumni engagement trends, leading to a 15% increase in retention and improved cross-platform interactions, presented to Aspire stakeholders in 2 professional formats. Analyzed alumni newsletter and weekly digest performance, focusing on click rates, open rates, and content effectiveness, providing data-driven recommendations to enhance engagement strategies

**AWS Hosted Personal Portfolio**  *Nov 2024*
- Architected a dynamic personal portfolio website hosted on AWS, utilizing S3 for secure and resilient storage, CloudFront for accelerated global content delivery, and OAC to optimize cost-efficiency. Implemented modular enhancements to maintain a continuously evolving portfolio, showcasing skills in cloud architecture and infrastructure, ensuring high availability and rapid content updates for users worldwide

## INTERESTS

Music (Bassist/Vocalist), Weightlifting, Photography, Reading, Jewelry, Self-Wellness