Vaishavi Jayashankar

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Availability: Jan 2025 - June 2025   vaishavijay.github.io/vaiportfolio

WORK EXPERIENCE

Outlier AI   **Remote**
Advanced Coding & AI Training Specialist   *October 2024 – Present*
- Developed and optimized training scripts for 3 plus projects, improving response quality and cutting backend processing time by 30%
- Validated 150+ backend code responses and API integrations in LLMs, boosting prompt accuracy by 20%
- Analyzed and resolved coding inconsistencies, reducing errors by 15% to deliver production-ready models

Tiny Violets (Independent Contractor)   **Remote**
Web Developer   *August 2024 – Present*
- Implemented SEO-optimized websites using HTML5, CSS3, & JavaScript, resulting in a 35% increase in client web traffic with integration of RESTful APIs & dynamic elements
- Applied Bootstrap for cross-browser compatibility, improving user satisfaction through thorough testing & troubleshooting, enhancing user engagement by 25%

Aspire Institute   **Remote**
Data Analyst   *Apr 2024 - May 2024*
- Analyzed datasets from alumni newsletters and weekly digests to assess consumer engagement, identifying areas for improvement and informing marketing investments
- Created 4 data visualizations, dashboards, and reports within a 1-month span, presenting actionable insights to lead to a 15% increase in newsletter engagement
- Presented insights and recommendations through video and slide presentations, providing Aspire Institute faculty with strategic guidance to enhance engagement

San Diego Supercomputer Center (SDSC) , UC San Diego   **San Diego, CA**
Machine Learning & Bioinformatics Intern   *Aug 2021 - June 2022*
- Developed and implemented machine learning models to analyze microbiome data, improving prediction accuracy by 15% in identifying correlations between gut bacteria and autism spectrum disorder (ASD) symptoms.
- Conducted data mining on 3,000 bacterial classifications using Weka and statistical analysis tools, with data sourced from over 50 samples and achieving stratified cross-validation on 35 instances

EDUCATION

Northeastern University, Khoury College of Computer Sciences   **Boston, MA**
Candidate of Computer Science & Business Administration, 3.2/4 GPA   *Sept 2023, Expected May 2027*
Semester In: Seattle Cloud Computing Program   ***Sept 2024 - Dec 2024***
- Selected as **Student Liaison** for the **NU Global Network**
- Dual enrollment at **Amazon Web Services (AWS) Skill Center** & **NU Seattle Graduate Campus**
  - Coursework: Cloud Computing, Data Science, & Object-Oriented Design

Northeastern University – London *(1 Year International Experience)*   *Sept 2023 - Apr 2024*
- Served as **Student Ambassador** & Podcast Producer/Editor
  - Coursework: Discrete Structures, Marketing, Macroecon, Statistics, Finance, CS Fundamentals

Completed NU Workshops: Data Visualization, Applying AI Tech to the Workplace   *Jul 2024*

OTHER PROJECTS

Machine Learning Model & Presentation   *Aug 2021 - June 2022*
UC San Diego MAP Symposium – 2022
- Developed machine learning models & delivered a comprehensive presentation to UCSD staff & peers, detailing research methodology, data analysis, & key conclusions

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, Kotlin, HTML5, CSS, R, SQL
Libraries/Frameworks & Tools: Microsoft Excel, AWS, Visual Studio Code, IntelliJ IDEA, Bootstrap, React JS
Data Analysis & Design Tools: Weka, RStudio, Jupyter Notebook, Figma, Canva

INTERESTS

Interests: Bassist, Vocalist, Jazz, Photography, Cafe-hopping, Lifting, Hiking, Cooking, Self-Wellness, Philosophy