Arya Rao

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EDUCATION

University of North Carolina at Chapel Hill, Chapel Hill, NC *Expected Graduation 05/2025*
Bachelor of Science in Computer Science and Statistics and Analytics | Cumulative GPA 3.769
- Minor in Information Systems
- Relevant Coursework: Data Structures and Analysis, Foundations of Programming, Methods of Data Analysis

Green Hope High School, Cary, NC *08/2017 - 06/2021*
- Weighted GPA 4.6167 | Graduated in top 2% of class

TECHNICAL SKILLS

Languages: Python, Java, R, C, HTML/CSS, SQL
Tools: Shell Scripting (Linux), Microsoft Power BI, Microsoft SharePoint, GitHub, Jira, AutoSys, Jupyter Notebook
Certifications:
- Microsoft Office Specialist Word, PowerPoint, Excel, and Access
- Adobe Certified Associate in Graphic Design & Illustration using Adobe Illustrator and InDesign

WORK EXPERIENCE

Wells Fargo, Charlotte, NC *06/2023 - 08/2023*
Data Engineer Intern
- Developed a program utilizing Python and shell scripting to collect Essbase application activity data, improving efficiency by stopping inactive applications
- Created insightful Microsoft Power BI reports to visualize application usage trends over time
- Engineered a Python program to monitor and optimize storage capacity for 300+ Essbase applications
- Implemented supporting shell scripts for merging and deletion of output files, aiding data organization
- Automated data collection by scheduling Python programs and shell scripts using AutoSys
- Collaborated effectively in an Agile Scrum team, utilizing Jira for project planning and sprint execution
- Gained insights into report planning and communication strategies by shadowing a Project Manager

Juni Learning, Remote | **Zaniac**, Cary, NC *07/2022 - 06/2023 | 08/2019 - 08/2021*
STEM Instructor
- Taught elementary school-aged students three times a week math and coding lessons (Scratch and Python) that were tailored to their grade level and required creative problem-solving skills

North Carolina State University Game2Learn Lab, Remote *06/2020 - 07/2020*
Computer Science Intern
- Learned and applied computer science principles through advanced block-based programming environments to design educational tools and software for K-12 classrooms
- Provided one-on-one support for teachers of non-computing courses in creating curriculum using Snap!

CO-CURRICULAR ACTIVITIES

Product Management Club, Chapel Hill, NC *02/2023 - Present*
Project Manager, Member
- Lead and collaborate with a team of UNC students to research and address specific problem spaces of a company
- Develop a prototype utilizing Figma, a design tool, to visualize the product and its features
- Prepare and deliver a pitch to company leaders that communicates the team's proposed solution

NrityaMāyāNanda School of Arts, Morrisville, NC *10/2015 - Present*
Assistant Instructor, Student
- Choreograph and perform Kathak pieces (a form of Indian classical dance) for charities and local events
- Prepared and taught curriculum to students twice a week for a Kathak Certification exam (*02/2022 - 06/2023*)

PROJECTS

Green Glamour - Pearl Hacks, a hackathon hosted by UNC Chapel Hill for female and non-binary students *02/2023*
- Created a sustainable beauty app and website using SwiftUI, HTML, and CSS aimed towards providing consumers sustainable options for makeup products: https://devpost.com/software/green-glamour
- Winner of Pearl Hacks and Liberty Mutual Insurance: "Sustainability is Key" challenge against over 40 other teams