Yash Ramesh Shelar

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SUMMARY

A Passionate Computer Science student with perceptive **Leadership**, Programming, and **Communication** Skills, seeking **internship** opportunities in Summer 2024. Experience as Software Engineer in Front-End Development, Full-Stack Development, and Product Management.

EDUCATION

B.S. in Computer Science | M.S. in Computer Science   Expected December 2024
Arizona State University, Tempe, AZ   3.92 GPA
- **New American University Scholar**
- **Dean's List** Fall'19, Spring'20, Fall'20, Spring'21, Fall'21, Spring'22, Fall'22

Relevant Coursework: Data Structures & Algorithms**, Data Visualization**, Foundation of Algorithms, **Social Media Mining**, Mobile Computing, Principles of Programming Language, **Artificial Intelligence**, **Distributed Database Management**, Distributed Software Development, **Cloud Computing**

TECHNICAL SKILLS

Programming Languages and Database: Java, **Python**, **SQL,** AJAX**, jQuery**, **C/C++**, C#
Front-End and APIs: HTML, CSS, Bootstrap, **JavaScript, Node.JS, React.JS**, Node.JS, Swift, **REST API**
Tools and OS: Excel, outlook, teams, Git, **GitHub**, **SCRUM**, Linux, Unix, AWS, VS Code, MacOS

WORK EXPERIENCE

MIRA, Thane, MH: Machine Learning Developer   06 2023 - 08 2023
- Spearheaded end-to-end machine learning lifecycle, honing expertise in Python, Jupyter Notebook, and Flask, with a focus on **predictive modeling** for real-world financial data, including insurance risk assessment
- Gained hands-on experience with **regression** and classification algorithms. Leveraged HTML and CSS to create user-friendly web interface for deployment, bridging the gap between data science and practical implementation

SCAI, Tempe, AZ: Graduate Teaching Assistant   01 2023 - Present
- Conducted review sessions, recitations, and office hours to mentor and support **420+** CS students, specializing in Key **C/C++** concepts including **Lexical Analysis**, Parsing, BNF Grammar, and **Lambda Calculus**

Arizona State University, Tempe, AZ: Lead Tutor (University Academic Success Program)   02 2021 - Present
- Facilitated one-on-one tutoring sessions for over **1000** students, helping them grasp fundamental programming, calculus, and statistics concepts, which are essential for data and financial analysis

ASU CompSci Department, Tempe, AZ: ASU Senior Capstone Project   01 2022 - 12 2022
- Developed a Time-Based Complex **Data Visualization** Tool to extract and display complex time series data, showcasing proficiency in data visualization and analysis
- **Collaborated** on a team of 4 utilizing technologies such as Heroku**, PostgreSQL** for database and **Java**, D3, Bootstrap, and JavaScript in Back/Frontend

RELEVANT PROJECTS

Educ iOS Mobile Application, *Class Project*   08 2022 - Present
- **Led** a team of **4+ developers** to design an entire iOS application with **SwiftUI**, **UIStoryboard**, and **Firebase** to create a delightful user experience for users to improve vocabulary for SAT preparation
- Utilized **storyboarding,** Geocoder/ Decodable for API integration, and Firebase user data management

Fake News Detection, *Class Project*   09 2022 – 12 2022
- Implemented 3 Supervised Learning models to classify labels of a fake news dataset with **84.507%** accuracy
- Leveraged **pandas, scikit-learn**, and **matplotlib** libraries for data manipulation, preprocessing, and classification

EXTRACURRICULAR EXPERIENCE

Software Developers Association, Tempe, AZ   08 2020 - Present
- Organized weekly meetings, seminars, and workshops focusing on Software Engineering, financial modeling, and data analysis, fostering a productive and collaborative environment for **100+ professionals**