Rishil Shah

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EDUCATION AND HONORS

Bachelor of Science in **Computer Science**, University of South Florida, Tampa, FL   05/2025
Major GPA**: 3.66**
Dean's List of Scholars, University of South Florida   2021 – 2022 – 2023

SKILLS

- Programming languages: Python, C, C++, SQL, Swift, HTML, CSS, R.
- Technologies/Environment: Spyder, XCode, MS Visual Studio, Eclipse, MySQL, MuleSoft, Anypoint Studio, Tkinter, GUI development, Data storage, Rstudio

RELEVANT EXPERIENCE

Student Development Assistant   05/2023 – Present
- Developed MuleSoft APIs to reduce manual errors by 50% and integrate with 3rd-party systems
- Leveraged Anypoint Studio to design, develop, and deploy MuleSoft applications
- Adopted GitHub to manage the code repository and track changes to the integration solution

Software Development Intern   05/2023 –08/2023
Galileo Group Inc, Tampa, FL
- Improved the facial outline technology, resulting in a **90% accuracy** and reliability boost
- Optimized image processing by reducing the time from **1 minute to 5 seconds**
- Accomplished a **25% increase** in user engagement and a **30% reduction** in false positives
- Elevated the accuracy and reliability of the skin damage detection app by an impressive **80%**

Software Development and Cloud Computing Intern   06/2022 – 08/2022
United Phosphorus Limited, Mumbai**,** Maharashtra
- Designed and developed an end-user application and interface using an object-oriented programming language
- Resolved issues faced by the farmers by incorporating daily usage and advancement
- Collaborated with a team to meet project goals and elicited strong verbal and written communication skills
- Devised agile methodology to manage project progress and applied problem-solving skills

KEY PROJECTS

Personal Website Development   10/2023 – 10/2023
- Conducted extensive testing and debugging of the robot to ensure proper functionality
- Designed and coded the website's user interface Utilized HTML and CSS for structuring and styling the site
- Hosted the website on GitHub Pages for public access

Obstacle Avoiding and Line Following Robot   01/2022 – 05/2022
- Designed an autonomous robot capable of both obstacle avoidance and line following using Arduino
- Programmed the robot's behavior and movement using Arduino IDE
- Conducted extensive testing and debugging of the robot to ensure proper functionality

Business Calculator   09/2023 – 09/2023
- Implemented a user-friendly graphical user interface (GUI) using Tkinter for a smooth user experience
- Created a feature to save daily financial data to a file, allowing users to track their progress over time

Stock Prediction app   01/2024 – 01/2024
- Developed a dynamic stock prediction application using Python and Tkinter
- Integrated real-time stock data from Yahoo Finance API for live updates
- Hosted the application on GitHub Pages, receiving positive feedback for design and functionality

LEADERSHIP ACTIVITIES

- **Vice President,** Students of India Association, USF   05/2022 – 05/2023
- **Treasurer,** Women in Computer Science and Engineering, USF   05/2022 – 05/2023
- **Senator,** Student Government, USF   10/2021 – 05/2022