

# Harshit Suri

[in](#) [harshitsuri](#) | [harshitsuri.com](#) | [✉ harshitsinghsuri@usf.edu](#) | [📞 \(929\)-451-6562](#)

## EDUCATION

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### University of South Florida

May 2026

Bachelors of Science, Computer Science **GPA:4.0/4.0**

## SKILLS AND HONORS

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Honors Presidential Scholar, Dean's List, Bulls LEAD, Honors College  
Relevant Coursework Data Structures, Software Engineering, Database Design, Computer Architecture, Program Design, Computer Logic Design  
Programming Languages: Python, SQL, C/C++, Java, Web Development

## WORK EXPERIENCE

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### Software Engineering Intern

May 2023 - July 2023

Gupshup Technologies

- Spearheaded the development of highly efficient Python scripts, automating the analysis and formatting of over **10,000** spreadsheet entries leading to a substantial reduction of **6+** hours per week in data management time
- Implemented cutting-edge ReAct prompt engineering strategies to optimize OpenAI's GPT models
- Completed Kaggle course in pandas and data analysis courses for skill development, and optimized AI model responses, contributing to improved project outcomes

### Honors Orientation Mentor

May 2023 - August 2023

Honors College, University of South Florida

- Facilitated orientation for **25+** incoming USF Honors Students, creating an inclusive environment by ice breakers and open discussions addressing student concerns
- Provided tailored academic and extracurricular guidance, resulting in increased student participation and academic success within the honors college community while serving as an ambassador to the program

### Computer Science Tutor

January 2023 - Present

Engineering Success Center, University of South Florida

- Offered dedicated tutoring services at the Engineering Student Success Center, guiding **15+** students weekly to increase their understanding of fundamental engineering classes
- Implement personalized teaching methods to cater to individual learning styles, effectively addressing learning challenges, and yielding a significant score increase of over **10 points**, resulting in a letter grade improvement for students

## PROJECTS

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### Automated Data Processing and Automation Script

- Developed a Python script to efficiently process and transform over 10000 data entries stored in CSV files, automating data manipulation based on specific configurations and rules
- Engineered the script to intelligently identify specific columns in the CSV file requiring transformation using libraries like pandas, regex and beautiful soap, improving data processing accuracy and efficiency
- Delivered a refined dataset for analysis, optimizing data processing workflows, and saving significant time/ resources while enhancing data driven decision making process

### The Loose Screws: A Self Moving Robot That Follows A Line

- Spearheaded software development efforts as the Software Lead for "The Loose Screws" team resulting in the creation of a remarkable line-following robot
- Leveraged Arduino programming to develop the robot's code, ensuring precise line tracking and smooth navigation
- Collaborated closely with the other team members and conducted extensive testing and debugging to optimize the robot's performance, leading to its efficient and accurate line following capabilities

## LEADERSHIP

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### Vice President of External Affairs

September 2022 - Present

Society of Hispanic Professional Engineers, USF

- Cultivated corporate partnerships worth over **\$8,000** in the past two years, driving chapter growth and lasting impact through effective and professional communication with companies
- Lead a team of **8+** directors to enhance outreach, successfully inviting more professionals on campus for hiring and guidance
- Organized the largest club-led career fair at USF with **5+** companies and over **200** attendees

Last updated: April 18, 2024