

Paramveer Singh Bhele

813-697-7068 | bheleparamveer@gmail.com | paramveerbhele.com | [linkedin/paramveer-singh-bhele/](https://www.linkedin.com/in/paramveer-singh-bhele/) | [github/Param-10](https://github.com/Param-10)

EDUCATION

University of South Florida <i>Bachelor of Science in Computer Science</i>	August 2022 - May 2026
	Tampa, FL
Scholarships: USF Green and Gold Directors Award; Annette L. Raymund Endowed Scholarship Fund; Computer Science Scholarship Fund; Engineering Scholarship Fund	
Courses: Data Structures & Algorithms, Automata Theory, Software Engineering, Advanced OOP in C++, Secure Coding	

Certifications: Machine Learning I (Columbia+), Prompt Engineering Specialization (Vanderbilt), Data Analysis (IBM)

EXPERIENCE

Student Assistant - Digital Initiatives	August 2024 – Present
<i>University of South Florida Libraries</i>	Tampa, FL
<ul style="list-style-type: none">Built web-scraping tools to cross-check Excel with Digital Commons website, cutting manual review time by 70%Improved cataloging accuracy by standardizing metadata, resulting in efficient retrieval for 1,000+ items	
Undergraduate Research Assistant	February 2025 – July 2025
<i>RARE Lab, University of South Florida — Supervisor : Dr. Zhao Han</i>	Tampa, FL
<ul style="list-style-type: none">Ran participant studies and analyzed behavior data on Pepper robot, contributing to paper accepted at HRI 2026Built Android app for recipe recommender robot (Misty), integrating Gemini AI and Google Cloud SDK	
Peer Mentor For Learning Teams	April 2023 – August 2024
<i>University of South Florida College of Engineering — Supervisor : Dr. Mary E. Goodwin</i>	Tampa, FL
<ul style="list-style-type: none">Strengthened Calculus mastery for 25+ engineering students via tailored classes and problem-solving drillsSecured 100% engagement in EGN 4930 by orchestrating interactive peer-learning sessions weekly	
App Developer Intern	May 2022 – July 2022
<i>Coefficient Software Systems Pvt Ltd.</i>	Mumbai, India
<ul style="list-style-type: none">Profiled 500+ US, UK, and Australian universities, producing benchmarking dashboards for product positioningImproved UI/UX for Learn English app, maintaining 100,000+ downloads and a 4.4/5 on the <u>Google Play Store</u>	

PROJECTS

CarbonCTRL (Hackathon Winner) <i>Full Stack, Gemini API, MERN Stack</i> carbonctrl.us	
<ul style="list-style-type: none">Built an end-to-end platform that quantifies emissions and surfaces AI-driven offset plans in real timeIntegrated React front-end with Gemini AI, for dynamic dashboards, authentication, and personalized insightsRanked 1st of 70+ projects at HackaBull 2025 for Best Use of Gemini API Track	
Adversarial Spam Detection <i>BERT, Qwen3-4B, Transformers, LoRA, PyTorch, Classifiers</i>	
<ul style="list-style-type: none">Selected for the AI4ALL Ignite program, mentored by Paul Yang, to explore adversarial spam detectionBuilt training loop alternating BERT classifier fine-tuning with Qwen3-4B adversarial spam generationImproved detection from 91.7% → 95.7% across 3 adversarial iterations while maintaining 96.5% accuracy	
Stock Analysis Tool <i>C#, WinForms, .NET, OOP</i>	
<ul style="list-style-type: none">Built dynamic stock analysis UI to detect price waves and draw live Fibonacci levels with real-time confirmationsEnabled wave simulation via drag, animation, and control buttons, with instant validation and feedbackValidated 1,000+ candles using peak/valley detection, Fibonacci math, and visual confirmation markers	

LEADERSHIP

Head of Logistics <i>TEDx at USF</i>	Jun 2024 – Jan 2025
<ul style="list-style-type: none">Planned TEDx event logistics, aligning 10+ volunteers with a 100 seats venue and finalizing operations and run sheets	
Vice President <i>Students of India Association at USF</i>	Jan 2024 – May 2024
<ul style="list-style-type: none">Raised \$15,000 through fundraising initiatives, leading a 26-member team to expand cultural programs	
Database Director <i>Society of Hispanic Professional Engineers at USF</i>	Jan 2024 – May 2024
<ul style="list-style-type: none">Streamlined an archive of 1,500+ files, reducing retrieval time by 40% through categorization and officer training	

TECHNICAL SKILLS

Languages: Python, C++, Java, JavaScript/TypeScript, SQL, COBOL	
Frameworks & Libraries: React.js, Next.js, Node.js, Express, Flask, .NET, MongoDB, REST APIs, OpenAI API	
Developer Tools: AWS, Docker, Git/GitHub, VS Code, Jupyter, Jira, Android Studio, Xcode	
Machine Learning: NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch, OpenCV, Matplotlib	