Aryan Saraswat, BCSc

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Professional Summary

Bachelor Computer Science (BCS) candidate at the University of Central Florida with over 3 years of experience specializing in coding, app development, system programming, scripting, and automation. Demonstrating strong proficiency in software engineering, data structures, algorithms, and problem resolution, coupled with proven leadership in driving successful projects from conception to completion

Education

University of Central Florida, Orlando, FL
- **Bachelor of Computer Science,** June 2026
- **Organizational Involvement (active member):**
  - Knight Hacks
    - Hackathon (2024)
  - Artificial Intelligence Club
  - Association for Computing Machinery
  - Chess Club
  - Astronomy Society
  - UCF Students for Humane Technology

Cypress Bay High School, Weston, FL
- **High School Diploma**, *Honors (GPA: 4.5)*, June 2022
- **Organizational Involvement (active member)**
  - Engineering Club
  - Robotics Club

Work/Internship Experience

Motorola, Fort Lauderdale, FL
- **Shadowing Intern** (*June 2022*)
  - Shadowed senior software engineers and directors, engaged in debugging codes, process optimization, and feature development within complex systems. Gained hands-on experience in testing, including drop tests for radios
  - Delivered a presentation on innovative technological solutions for natural disaster relief and preparedness, demonstrating both technical proficiency and strategic thinking

MATE ROV Robotics Competition (Regional), Weston, FL
- **Team Lead** (*August 2021 – May 2022*)
  - Led the development of custom circuit boards and integrated electronic triggers for the control system of a submersible robot in the MATE ROV Robotics regional competition
  - Designed and soldered circuit boards, seamlessly connecting components within a control box to optimize the robot's maneuverability and precision during underwater operations
  - Engineered a submersible robot utilizing 3D-printed components, PVC pipes, motors, and custom claws, equipped with attachable cameras and netting to perform complex underwater tasks with precision and stability

Experienced application platforms

Microsoft Office, AutoCAD, SolidWorks, IDLE, IntelliJ Idea, Visual Studio Code

Skills

Coding Languages :
(Advanced Proficiency): C, Python, Java, MIPS Assembly
(Intermediate Proficiency): HTML, CSS, PHP, JavaScript/Typescript
Languages : English, Hindi, Gujarati
Core Competencies : Coding, Application Programming, System Programming, Scripting, Automation, Software Engineering (intermediate), Problem Resolution, Data Structures & Algorithms (fluent efficiency), Project leadership