

Darshan Kumar

Lafayette, LA | (337) 366-7508 | [LinkedIn](#)

EDUCATION

University of Louisiana at Lafayette | Computer Science in Computer Engineering & Mathematics Minor
Bachelor of Science - Early Graduate, ULL Branch IEEE Member, CAPE

Lafayette, LA
Current/2023-2026

❖ Relevant Skills:

- C++, C, Java, Java Script, HTML, CSS, Arduino, MIPS Architecture Assembly & learning Dart, Python
- Project Management & Subteam Leadership
- Bilingual (English & Gujarati) & Dual Citizen (USA & India)
- Public Speaking & Leading Demo's

PROFESSIONAL EXPERIENCE

FRC 3616 - Phenomena Robotics

Lafayette, LA
2019-2023

Co-Lead programmer, Lead Electrical, Project Manager

- Subteam Leadership, Project Management - Attended the World Championship Under My Management and Robot Driving.
- Fusion 360 CAD/CAM
- C++ Programming & PID Tuning
- CAN Bus Knowledge, Schematic Drawing
- Documentation Skills
- Basic Efficiency & Cost Analysis
- Drive Team & Robot Repair team
- Mentoring

CAPE - Cajun Advance PicoSatellite Experiment

Lafayette, LA
Current/2023-2026

Weather Balloon Software Lead & ESG Grid Lead

- ESG Grid is a Global CAPE Satellite Signal Transmission & Reception Project.
- Developed the Universal CAPE Weather Balloon Chainable Transceivers Module
- C, JS, Arduino, Dart, Python Programming
- PCB Design Using Altium
- Writing Scopes of Work & Engineering Documentation

PERSONAL PROJECTS

- ❖ Portfolio Website: <https://darshankumar2004.github.io/index.html>
- ❖ Backyard Patio CAD Drawing for HOA Approval
- ❖ Custom Secure Lock Battery Packs
- ❖ Custom Audio Player Devices for Religious Group

REFERENCE CONTACTS

- ☐ Mrs.Ranney – Head of Robotics team 3616 – (337)501-0140 – Iranney2@gmail.com
- ☐ Mrs.Lindsey – Head tech librarian at Comeaux High school – lmbroussard@lpssonline.com
- ☐ Mr. Garth Likens – Director of CAPE – (337)244-7883 – garth.likens@louisiana.edu