Prithviraj Kadiyala

Graduate Research Assistant

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Graduate Research Assistant with 2+ years of experience Leading Team in Designing and developing website using various algorithms to solve the problem of Data Management for US Department of Agriculture while understanding key features of Business approach towards commercializing product. Researching experience as a Graduate Research Assistant and Research experience for Undergraduate. Looking to utilize Developer, Time management and Team Leading skill in the position of Software Development Engineer.

Skills

Python, mySQL, GitHub, AJAX, HTML, CSS, JavaScript, Flask

Matlab, Git, R, Linux, C, VHDL, Java

Algorithm Analysis, Hardware Design

Leadership, Communication

Education

Aug 2016 - Dec 2018

M.S in Electrical and Computer Engineering | University of Oklahoma

- President of ECE- Graduate Student Committee.
- Speaker at Databite Workshop - OUDALAB

Courses: Database Management Systems, Algorithm Analysis, Applied statistical methods, Image Processing

Aug 2012 - May 2016

B.Tech in Electronics and Communication Engineering | BVBCET

- General Secretary for ECE in 2016.
- Junior Head for National Level Tech Fest 2015.
- Organized 20+ events and 6 workshops.

Courses: C, Data Structures, Object-Oriented Programming, Automotive Electronics

Experience

Aug 2016 - present

Graduate Research Assistant (OU)

- Design and develop Website while leading a team of 5 for Database Management at *US Department of Agriculture*.
- Proposing, Developing and Testing solutions based on the interactions with Animal Scientists and Veterinarians.
- Experience the Business aspect of conducting research.

Jul 2015 - May 2016

Undergraduate Research Assistant(BVBCET)

1. Literature survey of all available CAN modules.
2. Performance analysis of ECU without and with CAN using CANlyzer tool.
3. Interfacing, Configuring, Monitoring and Controlling the CAN based ECU for different vehicular applications.

Jun 2015 - May 2016

Intern (Bored Bees Pvt Ltd)

- Learn to Develop Applications for Android Market using Java, Android.
- Learn the basics of Object-oriented programming, Data Structures and Algorithms Designs.
- Design algorithms to solve problems faced while development of applications.

Publications

Feb 2016

R. B Shettar, Ramakrishna Joshi and **Prithviraj Kadiyala**, *Performance analysis between CAN based ECU and normal ECU*, 6th IEEE International Advance Computing Conference (IACC-2016)

Jul 2015

Prithviraj Kadiyala, Rohit M G, Sachin Kodliwad, Prof. Arun L. Kakhandki, *Intelligent Automatic Braking System*, Indian Technology Congress (ITC 2015)