BONDALAPATI RAMYA

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Computer science graduate student/research assistant actively looking for opportunities in an organization where I can apply for full stack web developer to solve complex problems and develop business models driven by technology.

EDUCATION

Old Dominion University, Graduating in May 2021, M.S. in Computer Science.   CGPA:4.0
V.R. Siddhartha Engineering College,2015-2019, B.E.in Electronics and Communication Engineering.

TECHNICAL SKILLS

Programming Languages   : C,python,C++,Java.
Web Technologies   :Java Script,PHP,HTML5,CSS3,Node JS,Bootstrap.
Databases   :SQL,MySQL,MongoDB
Frameworks and Libraries   :Numpy,Pandas,Matplotlib,Scipy,Scikit-learn,OpenCV.
Machine Learning   :Regression,Classfication,Clustering,K-means,Linear/Logistic Regression,KNN.

PROFESSIONAL EXPERIENCE

Graduate Research Assistant,Information Technologies Services,Old Dominion University.   (Aug 2019-Present)
Transfer Equivalency: Developed a website for students to transfer from other universities to ODU.
Digital Signage: Developed a website for Digital Signage websites to show events and announcements and admin portal to operate the website.
Research Foundation Website: Developed a New user interface for a website using WordPress.

Internship Student,BSNL,Vijayawada,India.   (May 2018-june2018)
Team Lead of four other interns and worked on mobile communication and networking with a live demonstation of aspects such a call forwarding and mobile generations of mobile technogies such as CDMA,GSM,LTE.

GRADUATE EXPERIENCE

Pubg Final Placement Prediction|DataScience:Performed DataPreProcessing,Exploratory Data Analysis,Prediction using Algorithms. Given previous players' statistical data during each match and ranking information in training data, we need to train a model predict the ranking of the player in testing set based on their statistical data during each match. The target label ranking will be a percentage value between 0 and 1, higher percentage indicates higher ranking in that match. I predicted the winplaceprec through the linear regression. The accuracy of this model is 83%.

Real time communications and rescue systems: we have presented an IOT enabled approach that can provide emergency communication and location tracking services in a remote car that meets an unfortunate accident or an emergency, Depending upon type of emergency it initiates communication and shares critical information e.g. location information, a set of relative images. Provision of interactive real-time multimedia communication, real-time location tracking etc. Have also been integrated to the proposed system to monitor the exact condition in real-time basis. The system prototype has been designed with Raspberry Pi 3 Model B and UMTS-HSDPA communication protocol

AWARDS AND INTERESTS

- Completed INTERNSHIP on NI Lab VIEW-CLAD Training program from 04.16.2018 to 05.12.2018.
- Participated in Two days IEEE Workshop on "LATEST TRENDS IN WIRELES COMMUNICATIONS" on 24-25 March 2017.
- Won 3rd prize in Hackathon 2017 conducted by Z NATION LAB for proposing and implementing a new business solution.
- Participated in a world space week event conducted by ISRO at V.R. Siddhartha Engineering College.
- Secured 2nd prize in Paper Presentation on "Real-time networking and communications" during Esparx held at Jawaharlal Nehru Technological University, Kakinada, India
- Secured consolation prize in "just a minute (jam)" organized by IETE student forum at V.R.Siddhartha Engineering College, Vijayawada help on nov,18th 2018
- Secured 3rd prize in paper presentation on 'soft skills", conducted by' English language users & literature admires association.
- Nominated for the Best Outgoing student-2019.Cultural Secretory in ISA (Indian Student Organization) at Old Dominion University.