

AISHWARYA PRAMOD

Student Developer

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EXPERIENCE

Internship

IOT PLUS Middle East LLC

June 2019 - July 2019 Abu Dhabi, United Arab Emirates

- Received training and acquired knowledge in : IoT Smart solution for food safety, IoT Smart logistics solutions, IoT Smart facilities solutions

PROJECTS

Hate Speech Detection - Natural Language Processing

- Implemented bag of words and TF-IDF and trained 5 machine learning models, performed comparative analysis. Also created a hybrid model of Bigram and TF-IDF.

Stellar Classification - Machine Learning

- Implemented and analyzed supervised clustering and classification performance
- Photometric skewed data of stars and quasars
- Using Naïve Bayes Classifier

Banking Database - DBMS

- Data modelling using ER model and Schema
- Created SQL (CRUD) statements and used PostgreSQL
- Front end HTML with scripting language as PHP

Ride Share - Cloud Computing

- Cloud based backend service for ride pooling app
- Application using Flask Restful API and MySQLAlchemy returned with appropriate response status codes.
- Used a load balancer microservice architecture communicating (using AMQP with RabbitMQ broker)
- With fault tolerant, scalable database-as-a-service
- Flask-RESTful, Docker SDK

Project for Intel Competition - Object Detection in Night Light Conditions


- Selected as one of the finalists by INTEL amongst 100 teams
- Implemented Zero DCE method to enhance the image
- Assisted by 4 different non-reference loss functions
- YOLOv3 for object detection

ABOUT

Quest to work and learn in a professional environment and ambitious to kick start my career with an organization that will enhance my skills and knowledge.

ACHIEVEMENTS

 National Spelling Bee Winner

 Awarded Best Speaker Award in Toastmaster Divisional level competition

SKILLS

Hard-working

Leadership skills

Flexibility & Positivity

Collaboration

C++

C

Python

AWS

LaTeX

Flask

RESTful APIs

Operating System

Web Development

Logical Thinking

Databases

Machine Learning

Networking

CERTIFICATIONS

Machine Learning Certification from Stanford University

Android App Development Certification from MyCaptain

EDUCATION

B.Tech

PES University

Aug 2017- Present Bangalore, Karnataka

High School

St. Joseph's School

2003 - 2017

Abu Dhabi, UAE

PROJECTS

Travel and Tourism Website

- Front end HTML, CSS, BOOTSTRAP
 - Backend Django
 - Includes features like flight booking, tourist places, hotels and the facilities provided
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C++ Compiler - Compiler Design

- C++ Compiler implemented in C using Lex and Yacc
 - Phases include Symbol table gen, abstract syntax tree, intermediate code gen and optimisation and assembly code gen
 - Looping constructs: for and while, Conditional constructs: if and if-else
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E-commerce Website

- Implemented recommendation system
- Used AJAX pattern (period refresh), added shopping cart, filter and search as features
- Used Django Web Framework as backend to implement the ecommerce website

TRAININGS ATTENDED

Robotics Programmer Level 1 and 2 certified by Carnegie Mellon University

AWS Cloud Certification - ongoing