

Mayank Ambalal Jain

jainmayank22.github.io | maxjain71@gmail.com | Arlington, TX

EDUCATION

UNIVERSITY OF TEXAS AT ARLINGTON

MS IN COMPUTER SCIENCE

Aug 2019 - Present

GPA: 3.67 / 4.0

UNIVERSITY OF MUMBAI

BE IN COMPUTER ENGINEERING

Aug 2014 - May 2018

TECHNICAL SKILLS

PROGRAMMING

Languages:

• Python • Java • C • Javascript

• HTML

Framework:

• CSS • PHP • Flask • Django • ASP.NET

Operating System:

• Windows • Linux

IDE:

• Atom • Visual Studio Code • Eclipse

• Android Studio

Database:

• MySQL • SQLite

COURSEWORK

GRADUATE

Software Engineering

Web Database Management

Algorithms

Data Mining

Software Testing

UNDERGRADUATE

Data Structures

Operating Systems

Object Oriented Programming

Cloud Computing

LINKS

Github:// [JainMayank22](#)

LinkedIn:// [mayank-jain-maj1066](#)

HackerRank:// [Mayank_A_Jain](#)

INTERPERSONAL

SKILLS

- Self-Motivation • Handling Pressure • Leadership • Detail Oriented
- Problem Solving • Collaboration
- Resilience

ABOUT ME

I am a graduate student with academic experience in software engineering, and a persistent learner, trying to hone my skills to develop the appropriate solutions.

EDUCATIONAL EXPERIENCE

ATHENS INFORMATION TECHNOLOGY | SUMMER FELLOWSHIP

Jun 2018 - Aug 2018 | Athens, Greece

- Gained exposure to the field of computer vision by working with Resnet-34, YOLO v3, Dlib, Keras, TensorFlow, Anaconda, and other needed libraries.
- Acquired knowledge of accuracy and writing some functions from scratch and implemented that on image resize function.

PROJECTS

CAR RENTAL ANDROID APPLICATION | Sept. 2020 - Present

- A campus car rental system. Users (students and faculty) can rent cars to use for errands or pleasure..

Tech Stack: JAVA, SQLite

GENTE AND CUIDAD WEBSITE | Mar 2020 – May 2020

- A dynamic website for NGO events. In which admin can create events, blogs, and users can register, read, and share views on the blog.

Tech Stack: HTML/CSS, PHP, MySQL, JavaScript, LARAVEL, WORDPRESS

FOOD RECIPE SEARCH | Sept. 2019 – Nov. 2019

- A food recipe search interface based on your current ingredients available with the user.
- Developed and implemented TF-IDF and Cosine Similarity concepts from scratch.
- Executed various NLTK methods like stemming, lemmatization, stop-word removal, and tokenizing for data preprocessing.

Tech Stack: Python, Django, Pandas

SEMANTIC BASED AUTOMATIC WEB SERVICE CHECK DETECTION | Aug. 2018 – May 2018

- Many web services do not have explicit associated semantic descriptions. Therefore, implemented a prototype for semantic-based service categorization of web services and enhancement of service request.
- Initiated the ontology framework as a solution, with that implemented algorithms such as support vector machine, prune association patterns, and mapping for achieving the desired task.

Tech Stack: C#, .NET, MYSQL

PUBLICATIONS

SEMANTIC BASED AUTOMATIC WEB SERVICE DETECTION

Apr 21, 2018 publication description International Journal of Creative Research Thoughts (IJCRT), ISSN:2320-2882, Volume.6, Issue 2, pp.68-71, April-2018.