

RUCHIR CHUGH

(682) 375-9076 | chugh.ruchir@gmail.com | Arlington, TX

www.linkedin.com/in/ruchirchugh | <https://github.com/ruchirchugh> | <http://ruchirchugh.uta.cloud/>

EDUCATION

- Aug 2018 – May 2020

University of Texas at Arlington

Master of Science in Computer Science, **GPA: 4.0**

- Jul 2013 – Jul 2017

Guru Gobind Singh Indraprastha University, New Delhi

Bachelor of Technology in Information Technology

SKILL SET

- | | | | | |
|---------|-------------|------------|--------------|---------------|
| • C/C++ | • Java/J2EE | • PL/SQL | • JavaScript | • Visualforce |
| • PHP | • Python | • HTML/CSS | • jQuery | • MATLAB |

WORK EXPERIENCE

The University of Texas at Arlington

Aug 2019 – Present

Graduate Teaching Assistant

- Evaluate projects and exams for Data Analysis and Modelling Techniques class (CSE 5301).

The University of Texas at Arlington

Jun 2019 – Aug 2019

Web Developer

- Worked with College of Science to develop a new website using CMS.

Capgemini, Pune, India

Oct 2017 – Jul 2018

Software Engineer

- Developed and tested the application in salesforce for HR department of Morgan Stanley.
- Trained in Java (Core Java, JSP, Servlets, JPA Hibernate, Spring, Angular JS).

Defence Research and Development Organisation (DRDO),

Jun 2016 – Jul 2016

Intern

- Online Vehicle Requisition System:** Built a web application based on MVC architecture which used to automate the vehicle requisition system within the organization.

ACADEMIC PROJECTS

Computer Vision

Jan 2019 – May 2019

- Worked on frame differencing, connected components, bounding boxes, directional derivatives and gradients. Also implemented face detector and Worked on camera calibration and stereo detection.

Machine Learning

Jan 2019 – May 2019

- Implemented Linear Regression, Logistic Regression, Decision Tree, Principal Component Analysis (PCA), K-Nearest Neighbor, Dynamic Time Warping (DTW) and K-Means.

Neural Network

Jan 2019 – May 2019

- Worked on Learning curves, Regularization and model selection using keras library. Developed a fully connected feed forward network and trained an advance architecture (RNN) for the same task.

Web Data Management

Aug 2018 – Dec 2018

- Developed a fully functional website in Php using CodeIgniter

Online Review Manipulation Detection

Jan 2017 – Jun 2017

- Detected the spam reviews based on several different parameters in the application using .NET framework. Led the team of four.

Developed a Website (<http://www.asetieee.com/>)

Jun 2014 – Dec 2014

- Led the team of seven from college for international website competition of IEEE Region 10.

CERTIFICATIONS

Oracle Certified Associate, Java SE 7 Programmer

Jan 2018

Deep Learning Specialization (Coursera)

Jul 2019