

RUCHIR CHUGH

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EDUCATION

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| <ul style="list-style-type: none">Aug 2018 – May 2020 University of Texas at Arlington
Master of Science in Computer Science, GPA: 4.0 | <ul style="list-style-type: none">Jul 2013 – Jul 2017 Guru Gobind Singh Indraprastha University , New Delhi
Bachelor of Technology in Information Technology |
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SKILL SET

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| <ul style="list-style-type: none">C/C++PHP | <ul style="list-style-type: none">Java/J2EEPython | <ul style="list-style-type: none">PL/SQLHTML/CSS | <ul style="list-style-type: none">JavaScriptjQuery | <ul style="list-style-type: none">VisualforceMATLAB |
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WORK EXPERIENCE

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| The University of Texas at Arlington
Graduate Teaching Assistant <ul style="list-style-type: none">Evaluate projects and exams for Data Analysis and Modelling Techniques class (CSE 5301). | Aug 2019 – Present |
| The University of Texas at Arlington
Web Developer <ul style="list-style-type: none">Worked with College of Science to develop a new website using CMS. | Jun 2019 – Aug 2019 |
| Capgemini, Pune, India
Software Engineer <ul style="list-style-type: none">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). | Oct 2017 – Jul 2018 |
| Defence Research and Development Organisation (DRDO),
Intern <ul style="list-style-type: none">Online Vehicle Requisition System: Built a web application based on MVC architecture which used to automate the vehicle requisition system within the organization. | Jun 2016 – Jul 2016 |

ACADEMIC PROJECTS

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| Computer Vision <ul style="list-style-type: none">Worked on frame differencing, connected components, bounding boxes, directional derivatives and gradients. Also implemented face detector and Worked on camera calibration and stereo detection. | Jan 2019 – May 2019 |
| Machine Learning <ul style="list-style-type: none">Implemented Linear Regression, Logistic Regression, Decision Tree, Principal Component Analysis (PCA), K-Nearest Neighbor, Dynamic Time Warping (DTW) and K-Means. | Jan 2019 – May 2019 |
| Neural Network <ul style="list-style-type: none">Worked on Learning curves, Regularization and model selection using kerars library. Developed a fully connected feed forward network and trained an advance architecture (RNN) for the same task. | Jan 2019 – May 2019 |
| Web Data Management <ul style="list-style-type: none">Developed a fully functional website in Php using CodeIgniter | Aug 2018 – Dec 2018 |
| Online Review Manipulation Detection <ul style="list-style-type: none">Detected the spam reviews based on several different parameters in the application using .NET framework. Led the team of four. | Jan 2017 – Jun 2017 |
| Developed a Website (http://www.asetieee.com/) <ul style="list-style-type: none">Led the team of seven from college for international website competition of IEEE Region 10. | Jun 2014 – Dec 2014 |

CERTIFICATIONS

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| Oracle Certified Associate, Java SE 7 Programmer | Jan 2018 |
| Deep Learning Specialization (Coursera) | Jul 2019 |