Rushikesh Joshi

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Education

University of California, Irvine   Sep 2019 - Dec 2020
Master of Computer Science

VJTI, Mumbai, India
Bachelor of Technology in Computer Engineering | GPA: 8.38/10   Jul 2015 - May 2019
Relevant Coursework: Computer Programming, Machine Learning, Web Technology, Database-systems, Data Mining, Big Data Analytics, Object Oriented Programming with Java

Skills

Programming Languages: Python, C/C++, Java, Javascript
Web Development: Angular, JavaScript, HTML, Django, Java Spring Boot
Frameworks/Libraries: Tensorflow, keras, nltk, word2vec
Database: SQL, MySQL, Hadoop (basic)

Internship Experience

Morgan Stanley
Summer Technical Analyst | Mumbai, India   May 2018-Jul 2018
- Consolidated 3 in-house softwares (each using different technologies such as php, javascript) that manage General Ledger Data into a single portal, working in a global team of 8 software engineers
- Developed the front-end in Angular(3 webpages) and also the service-side APIs in Java Spring Boot (roughly 10 APIs) along with a cache system on both front and back-end for faster querying

Projects

Image segmentation project on Cloud Images (on-going)
- On-going mini-project as a part of coursework under Prof. Raymond Klefstad
- Use Kaggle dataset for segmenting and classifying images of clouds based on their shapes

Data Augmentation using GANs
- Used Generative Adversarial Networks for synthesizing more training data to improve image classification
- Worked with Tensorflow and keras frameworks for implementing the custom neural network architecture

Price predictor of used products
- NLP-based project to predict prices of used products from natural language descriptions
- Incorporated frameworks and libraries such as nltk, word2vec, Tensorflow

Simple Solitaire game
- Created a solitaire game application, a Unix based desktop app as a part of Kleiner Perkins Fellowship Challenge using python and tkinter library

GRE prep application
- Developed a web application of GRE flash-cards using Django and MongoDB

Online Product exchange portal
- Designed and developed a website using HTML, CSS, javascript and php for students to exchange used products

Online courses

Deep Learning Specialization by deeplearning.ai on Coursera   Jun 2018-Oct 2018
- Completed 5-course specialization covering several topics in Computer Vision and Sequence Models such as: Facial Expression detection, Facial recognition using Convolutional Neural Networks, Object detection, Art generation using Neural net style transfer, Neural machine translation and Trigger word detection

Machine learning course by Stanford University on Coursera   Nov 2017-Dec 2017
- Completed an 11-week course covering several basic concepts in Machine Learning

Additional work

Volunteer at Community of Coders, VJTI   Aug 2018-Dec 2018
- Taught monthly workshops to freshmen students on programming in C/C++ and Python

Event Head at Enthusia Sports Festival   Aug 2016-Dec 2016
- Head of Badminton events at national-level sports festival