Kshitij Mathur

Software Engineer

Personal Info
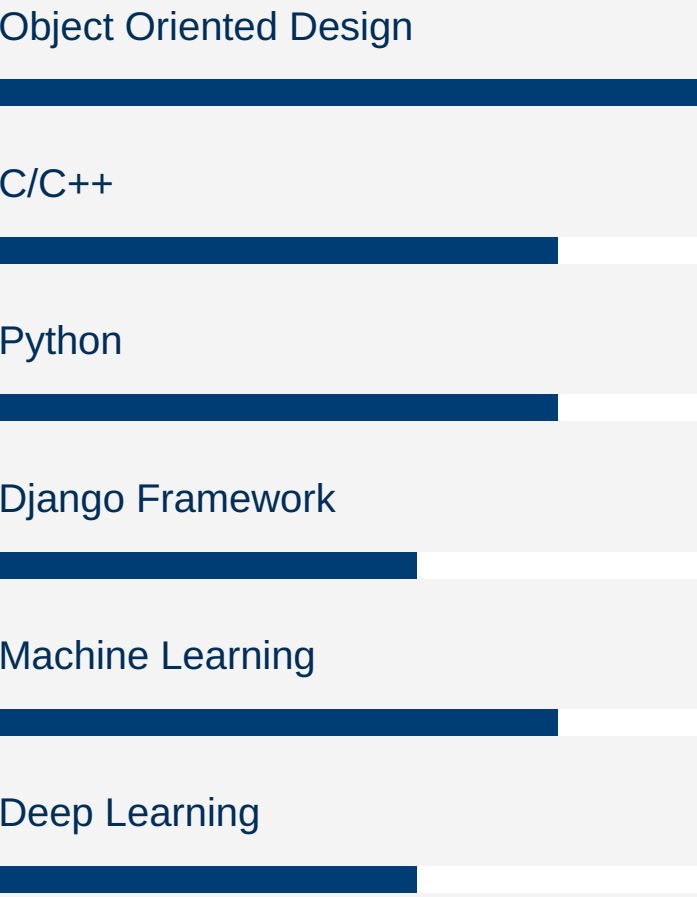
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E-mail
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GitHub
https://github.com/mathurk29

LinkedIn
in.linkedin.com/in/mathurk29

Skills

Object Oriented Design

C/C++

Python

Django Framework

Machine Learning

Deep Learning

Tools

Anaconda/Spyder

JetBrains PyCharm

Google Colaboratory

Microsoft Visual Studio

JIRA

Microsoft Team Foundation Server

Git

Boostnote

Certificates

Red Hat Certified Engineer

Red Hat Certified System Administrator

Red Hat Certified Engineer with 2 years of experience in Machine Learning and Back-end Development. Graduated in Computer Science with solid understanding of Data Structures, Algorithms & Object-Oriented design concepts. Proficient in Python and C/C++. Member of Machine Learning and AI - Bangalore Chapter.

Experience

2016/07 - present

Member Technical Staff
First American (India) Pvt. Ltd.

Title Record
- A software for analysis of grievance and complaints
- Classifying archived title insurance documents into categories using state of the art Machine Learning algorithms.
- Generating Sentimental Analysis of over one million customer reviews across 13 products.
- Worked with stakeholders of products across teams and prioritize data/ML initiatives.
- Run small scale experiments with new algorithms and scale it to 150k data points
- Work on entire cycle of Data Collection, Cleaning, Modelling, and Visualization.

Closing Disclosure X
- A web page to generate Closing Disclosure -a five page form that provides final details about the mortgage loans, used in United States.
- Worked on entire Software Development life-cycle from Planning, Design and Architecture, Coding to Deployment and Maintenance,
- Responsible to design and develop Summaries of all financial transactions and handling the data exchange using XML.
- Assisting Team Leads and Product Owner with technical analysis for sprint planning and backlog refinement.

Education

2016

Arya College of Engineering & I.T. Jaipur, Rajasthan
B.Tech in Computer Science - 68.09%

2011

D.A.V. Centenary Public School, Ajmer, Rajasthan
Senior Secondary (CBSE) - 66.40%

2009

St. Anselm's Sr. Sec. School, Ajmer, Rajasthan
Higher Secondary (CBSE) - 85.60%

Projects

Document Classifier : A SVM classifier using hyper-parameter tuning with grid search and cross-validation to group documents based on established classification.

Language/Techniques: Python / Machine Learning

Generalized Matrix Inverse – An algorithm that solves an Over-determined System of Linear Equations (within an error of least square).

Language/Techniques: C / Moore-Penrose Inverse