Yashica Saun

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ABOUT ME

Masters Student in Informatics at the Technical University of Munich | Passionate about Web Development, Data and Business Analytics

WORK EXPERIENCE

Software developer

JPMorgan Chase & Co. [07/2017 – 02/2020]

City: Bengaluru

- Worked as a Python Developer and the work involved Python Scripting for the backend of the desktop applications.
- Developed a platform for Valuation Adjustment and Independent Price Verification. The Platforms output comparison between Trade prices marked by traders and expected values.
- Involved in Analysis and Processing of Large-scale data(in the magnitude of millions). Also involved in handling incoming data from multiple vendors both internal and external.
- Refactored and cleaned legacy code for better code clarity and effectiveness.
- Ensured code reusability across multiple projects by writing loosely coupled code and use of design patterns.
- Technologies used - Python Pandas and Numpy, Bit Bucket for Code Management, NoSQL in-house database Hydra.

EDUCATION AND TRAINING

Master of Science
Technical University of Munich [04/2020 – Current]

Field(s) of study: Informatics

I am currently in my 3rd Semester. My major specialization in the University is Software Engineering. My minor specialization is Machine Learning and Analytics.

I have taken the following courses at the University till now -

- Design Patterns in Software Engineering
- Software engineering for Business Applications
- Enterprise Software Engineering using SAP Technologies
- Introduction to Deep Learning
- Data Analysis and Visualization using R
- Distributed Systems
- Blockchain-based Systems Engineering
- Algorithmic Game Theory

I have done the following projects in few of the above mentioned courses-

1. TutorMe - A web application built on the MERN Stack - Mongo, Express, React, Node and REST APIs. It is a Consumer to Consumer application which provides a platform for students to find private tutors.
2. Analytics Application - A web application using SAP UI5, SAP ABAP, SAP HANA and OData Services. The application provides various KPIs/ Analytics based on data from the Learning Management System of an organization.

Bachelors of Engineering
Bangalore Institute of Technology [07/2013 – 08/2017]

Field(s) of study: Information Science
Final grade : 80%

- Developed a Fortune-Teller System in C++ to understand and implement Object-oriented programming concepts and web scraping.
- Cluster analysis using R Studio to draw conclusions on the relationship between hair-eye color of a population.
- Weather forecasting application using Python(tkinter framework at front-end).
- Bachelor's Thesis - A social networking web application which detects and blocks cyber bullying using Stacked Denoising Autoencoder(A deep learning model).
- Seminar - Presentation on Blockchain and crypto-currency.

LANGUAGE SKILLS

Mother tongue(s):

Hindi

Other language(s):

English
LISTENING C2 **READING** C2 **WRITING** C2
SPOKEN PRODUCTION C2 **SPOKEN INTERACTION** C2

German
LISTENING A1 **READING** A1 **WRITING** A1
SPOKEN PRODUCTION A1 **SPOKEN INTERACTION** A1

DIGITAL SKILLS

Python / C/C++ / MySQL / Javascipt / Deep Learning / Data Analytics and Visualisation / SAP ABAP; / SAP HANA

Web Developement and Designing
HTML5, CSS3, Bootstrap / React JS / Node JS / Mongo

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