Ankush Jindal

Computer Science Undergrad, Indian Institute of Technology, Mandi

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WORK EXPERIENCE

Khosla Labs, Bengaluru — *Software Developer*

INTERNSHIP | June 2016 - Present

Amicus Co., New Delhi— *Data Scientist*

INTERNSHIP | June 2015

Developed streams for an Ecommerce company Amicus Co. by creating and joining data scraping, data cleaning, natural language evaluation and machine learning code for reviews from different platforms.

Skills used– Scrapy, Selenium, Python, NLTK and Scikit–learn

PROJECTS

Correctness Proof of Various Algorithms Using Coq, Programming Language Seminar

COURSE PROJECT | Mar 2016 - Jun 2015

Coq proof assistant was used to prove the correctness of tree sort and KMP string search algorithm as well as runtime analysis for KMP string search algorithm.

Service Design Case Study, Introduction to Service Design

COURSE PROJECT | Feb 2016 - Jun 2015

Multiple principles and tools of service design were applied to a web based service, Praice, which is a tool for job applicants to communicate their personality to recruiters.

Back Home : VR in space, NASA Space Apps Challenge, Copenhagen – Local Winner

COMPETITION-PROJECT | May 2015

Use of virtual reality in space is a challenge– accelerometer and gyroscope does not work as intended in zero gravity, weight and size of equipments is a major constraint. As a part of two day hackathon, our team of six proposed and designed a simple solution for it which uses Google Cardboard, 3–D printing and piggyback on existing resources on space station/spaceship.

INTEREST AREAS

Data Analytics
VR/AR
Interactive Interfaces
Smart Ecosystems
Fintech and Blockchain

EDUCATION

B.Tech. CSE: IIT Mandi : 2013–17 : 8.36

Semester Exchange: ITU Copenhagen : Spring 16

XII : CBSE : 2013 : 96.6%

X : CBSE : 2011 : 10CGPA

SKILLS

Programming:
Python(Proficient), Scheme(Proficient), JAVA (Intermediate)

Database: MySQL, NoSQL, SQLite

Other: R, Git, Stanford CoreNLP, Selenium, PHP, Coq, Android

POSITION OF RESPONSIBILITIES

Member, Career and Placement Cell (Aug. 2015 – Present)

★ File Tone Transfer Protocol, System Practicum

COURSE PROJECT | Oct 2015 - Nov 2015

Created protocol and proof-of-concept for sending files encrypted as sound, which when heard by other computers at earshot range decrypts back to file.

Skills used- Python, Sound Processing, Cryptography, File Handling, Networking

Automation of Software Update on IIT Mandi's Insite, WING IIT Mandi

PROJECT | May 2015

As a part of Website and Information Group, have created python and bash scripts to keep software repository on IIT Mandi's local intranet up-to-date.

Smart Home Security Kit, Design Practicum

COURSE PROJECT | Mar 2015 - May 2015

Building a smart home security kit to be installed on door, using raspberry pi and Parse server. Created an email bot for the same.

★ Feature based sentiment analysis of hotel reviews, Inter IIT Tech Meet – Winner

COMPETITION-PROJECT | Dec 2014 - Feb 2015

Represented IIT Mandi in Third Inter IIT Tech Meet in Data Analytics' challenge. Developed feature based sentiment analysis scripts on scraped hotel reviews. The scripts were automated and presented feature based ratings for the hotels for given city(after scraping reviews from multiple sources). Won first prize in the challenge.

Skills used- Java, Stanford CoreNLP, Python, Scrapy, Javascript, HTML

Social marketplace website, Database Practicum

COURSE PROJECT | Sep 2014 - Nov 2014

Developed a social marketplace based on barter system where users can exchange their products among themselves. Used HTML5, MySQL, PHP.

Fuzzy logic in stock prediction, IIT Mandi

PROJECT | June 2014 - Aug 2014

Use of fuzzy logic and Matlab for data forecasting (Primary use: Stocks Prediction)

Co-founder and Coordinator, Entrepreneurship Club

Coordinator, Programme Management Club (Aug. 2015 – Feb. 2016)

Firefox Student Ambassador (Nov. 2014 – Nov. 2015)

General Secretary, Suvalsar Hostel (Oct. 2014 – Jun 2015)

Accounts Coordinator, Exodia 2015

ONLINE PRESENCE

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