Pratik Aher

pratikaher88@gmail.com – pratikaher88.github.io – github.com/pratikaher88 – linkedin.com/in/pratikaher88

EDUCATION

Dwarkadas J. Sanghvi College of Engineering — Mumbai, India
Bachelor of Engineering in Information Technology; GPA: 8.39/10.0 — *Aug. 2012 – Dec. 2013*

K.V . Pendharkar College of Arts,Science and Commerce — Mumbai, India
Higher Secondary Certificate; Percent: 88.55 — *Aug. 2008 – July. 2012*

PROFESSIONAL EXPERIENCE

JPMorgan Chase & Co — Mumbai, India
Technology Analyst — *July 2018 - Present*

Inria LRI — Paris, France
Research Intern — *June 2018 - July 2018*

CheckApp Healthcare Technologies Pvt. Ltd — Mumbai, India
Android Developer — *July 2017 - August 2017*

PUBLICATIONS

- **Fuzzy Inference to Rule Based Risk Calculation for Risk Adaptive Access Control** : Presented the research paper at the conference proceeding of 2017 (IEEE Xplore ISBN: **978-93-80544-28-1**).
- **Incremental radius approach for classification** : Presented the research paper at the conference proceeding of 2017 (IEEE Xplore ISBN: **978-1-5386-5257-2**).
- **Automated Aspect Extraction and Aspect Oriented Sentiment Analysis on Hotel Review Datasets** : Presented the research paper at the conference proceeding of 2017 (IEEE Xplore ISBN: **978-1-5386-3852-1**).

PROGRAMMING SKILLS

- **Languages** : Python, Java (basic), Javascript C sharp, SQL   **Technologies** : AWS, Django, Flask, React

PROJECTS

- **Anomaly detection in legal documents** : Software for critical and anomalous text detection in large documents.
  - **Data** : Parsing raw data by leveraging NLTK, Beautiful Soup and vectorized it by Word2Vec.
  - **Algorithms** : Implemented various ML and Data Mining algorithms like LDA, LOF, TF-IDF Clustering to highlight important points in a document with high accuracy and recall.

- **Sensory Trackpad Exploration** : HCI based project for exploratory experiments on Sensel's trackpad using its API.
  - **Analysis** : Performed Exploratory Analysis for creating elaborate visualizations on the trackpad
  - **Gestures** : Programming of various gestures on the trackpad for increased functionality.

- **Cadabra BookStore** : Website for Selling and Exchange of Books written in Django, Javascript and HTML/CSS.
  - **Full Stack** : Developed the entire website using Django Framework and then, deployed the website
  - **Entrepreneurship** : Responsible for management, logistics and delivery of books.

- **Fuzzy System for Hospital Access** : Fuzzy System for access control based on various factors like sensitivity of information, location and time of access.
  - **Rule-Based Access Control** : Built a fuzzy system with Scikit-Fuzzy and various membership functions.
  - **Django** : Used this framework to create a website for efficient access.

ACHIEVEMENTS AND AWARDS

- **Runner-Up** : JPMorgan's Code for Good Challenge, Mumbai '17.
- **Runner-Up** : DJ CSI Codeshastra Hackathon 2016.
- **Finalist** : National Disaster Management Authority at **Smart India Hacakthon** 2018.

LEADERSHIP AND EXTRA-CURRICULAR

- **Publicity Head** : Computer Society of India Student Chapter 2016-17.
- **Co-Publicity Head** : Annual college festival Trinity 2015-16.
- **Blog** : Started a Technical Blog called ExploringPirate in college.