AYUSHI RASTOGI

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EDUCATION

Master of Science in Data Science   Expected graduation May 2021
University of Minnesota-Twin Cities, College of Science and Engineering, MN   **CGPA** 4.00/4.00
Fall 2019: Introduction to **Data Mining,** Introduction to **Machine Learning**, **Applied Regression** Analysis
Spring 2020: **Computer Vision**, **Big Data** Engineering, **Database** Management Systems

Bachelor of Technology in Computer Science   May 2017
National Institute of Technology, Jamshedpur, India   **CGPA** 9.55/10
Relevant coursework: Data structures and Algorithms, DBMS, OOP, Pattern Recognition, Basic Statistics

SKILLS

- **Programming / Software:** C, Java, R, SQL, MongoDB, HTML, Eclipse, Jersey, AngularJS, Django, Spring, Rest APIs
- **Machine Learning:** Python, numpy, sklearn, pandas, Weka, Apriori, Jupyter, Rstudio, Pycharm IDE
- **Operating Systems:** Windows, Linux

WORK EXPERIENCE

Senior Software Engineer   February 2019 - August 2019
Software Engineer   July 2017 - January 2019
Envestnet|Yodlee, Bengaluru, India
- **Owner of 4 applications** and worked on their feature enhancement, optimization and maintenance
- Worked as a **full stack developer** and responsible for end to end **development, testing and deployment**
- Built a common jar for encryption/decryption and certificate validation with **SSL**
- Worked towards **automatically updating cache** using schedulers and CRON expressions
- **Led the biweekly sprints** for a team of six people and **conducted daily scrums**
- **Solved a microburst issue** by optimizing the legacy code resulting into **100% uptime** for customers
- **Improved efficiency** in **simulation** by enhancing data model and caching **from 2.2 seconds to 1 milli seconds**

Software Developer Intern
Indian Institute of Technology, Bombay   May 2016 - July 2016
- Developed a **TCube (Train the teacher) model** for imparting knowledge with minimal physical interaction
- Used Django framework for creating features like course instantiation and face to face interaction, mechanism for automatically creating program schedule, managing announcements and configuration
- Documented test cases and validations

PROJECTS

Ear Localization and Validation using Ear Candidate Set   National Institute of Technology, Jamshedpur, India
- Performed color-based skin segmentation, skin region edge computation and approximation of edges on ear dataset
- Determined the **feature set** to be used for **training and classification** and performed matching based on a customized threshold algorithm and obtained an accuracy of 80%

Batch Comparator   Envestnet|Yodlee
- Developed a **tool for comparison of two batches** to eliminate manual comparison of builds for regression
- **Improved efficiency** in the overall testing process by **50%** and received **spot award** for the same

ACHIEVEMENTS AND ACTIVITIES

- **3rd prize** in **Yodlee Innovation Hackathon** for the new product idea category among **300 teams**
- **Class council member** and member of **Computer Society of India** at National Institute of technology, Jamshedpur
- **Teaching** experience with kids who couldn't afford education at an **NGO** called Sankalp, India