ROHAN BADWE

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Hi, I'm Rohan. I'm computer science graduate, a fluent fullstack developer with a great deal of experience with machine learning applications and Java . I'm also undergoing AWS training and would ideally like to work on complex backend systems as a jr developer

EDUCATION

University of Pune, <u>Vishwakarma Institute of Technology</u>	Aug 17– May 21
Bachelors of Technology, Computer Engineering	CGPA : **9.14/10**

PROJECTS

Admission portal for BMS Model School   Feb 21–May 21

- Design and implementation of an admission management system for a local school
- Backend with firebase , NodeJS , used ReactJS for frontend .

Mathbot (NLP) : Simple Mathematical Word Problem Solver using Deep learning   Aug 20– Jan 21

- A bot in python to solve elementary level math word problems in english
- Used Recurrent Neural Network and Transformer based models

Automatic Text Summarization (NLP and deep learning)   Jan 20 -May 20

- Web App using Natural Language Processing and Neural networks for making consumer decisions faster and accurate on an amazon
- The app scraped reviews from amazon ran it through a pre-trained RNN model and gave summaries for each review and an overall rating of the product

Image Classification and matching using Convolutional Neural Network   Jan 19 - May 19

- A "reverse image search engine " (eg google images) using a CNN classifier trained with cifar-10 database . Web app using the Flask API

Batch Operating System demo   Jan 18 - May 18

- A C++ command line application for visual simulation of memory management concepts and inner workings of an Operating System with its tiny assembly language

ACTIVITIES/CLUBS/INTERNSHIPS

Persistent Computing Institute winter school   Dec 19- Jan 20

- The objective was to explore scope of functional programming   and compare with OOP paradigm using gofer (implementation of haskell)
- Acquired familiarity with program analysis and optimization, tools for program analysis, compiler optimizations and current research in computer science

Cube Satellite team , Trident Labs   Aug 19- May 20

- Co-founder of the software wing of the cube satellite club. Tested and customized multiple RTL-SDR software solutions for satellite ground station

SKILLS

Relevant Coursework	Data Structures , Computer Networks , Operating Systems , Database Management Systems ,Algorithmic Number Theory , Software Engineering, Image Processing , Multivariate Calculus , Discrete Mathematics and Linear Algebra
Technologies	**Amazon Web Services (AWS)** Associate Architect Training – ongoing, REACTJS, firebase, JAVA, C++, Python38, SQL, Linux, bash, Android Studio , Unity3D . Machine Learning : Recurrent LSTM, CNN, Tensorflow.