Akash Rana

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Education

B.Tech in Information Technology 2012 - 2016
Dwarkadas J. Sanghavi College of Engineering, Mumbai
- CGPA of 7.2/10

High School - Royal College Of Arts, Science And Commerce - 89.38% 2010 - 2012
Secondary School - Shanti Nagar High School, MiraRoad - 92% 2000 - 2010

Experience

Software Engineer and NLP researcher, IOEMAS Pvt Ltd January, 2015 - April, 2017
Lead the Android Development team to deliver Chargyfi product that allows to share internet and charge devices at restaurants. Built a sentiment analysis app that scores the user sentiment as angry, neutral and happy.

Software Engineering Intern, Thinkbank Solutions Pvt Ltd September, 2016 - December, 2016
Worked with Android Development team to create android application that allows to share internet with captive portal system on tablet. Also developed GadgetBridge, an app which tracks users sleep cycle and heart rate. Worked on adding a new features that monitor users heartrate and alerts if heartrate exceeds his personalized threshold.

Technical Skills

Strong Areas - Machine Learning Algorithms
Languages - Python, C++, Octave, PHP, JAVA, embedded C, Verilog
Tools/Frameworks - Tensorflow, Pytorch, Keras,LaTeX, MySQL, SQLite,Flask, Git
OS - Ubuntu and Windows

Publications

- Riyansh Karani, **Akash Rana**, Dhruv Reshamwala, Kishore Saldanha "A floating point division unit based on Taylor-series expansion algorithm and Iterative Logarithmic Multiplie", In Proceedings of The Second International Conference on Computer Science, Information Technology (CSITEC -2016).view here

Relevant Courses

Advance Computer Networks, Artificial Intelligence, Introduction to Machine Learining, Natural Language Processing, Convolutional Neural Networks for Visual Recognition

Selected Projects

All projects available on git : `https://www.github.com/akash9182`