

SAQIB NIZAM SHAMSI

📍 Gurgaon, Haryana, India

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EXPERIENCE

Software Engineer

Aspiring Minds

JUL 2016 – Present | Gurgaon, India

- **Auto-Interview Scoring**
 - Integration of computer vision based assessment with content assessment and speech assessment.
 - Making the system fault tolerant.
- **Automated Program Grading**
 - Development of a new system for program grading where users write the entire code from scratch as opposed to pre-existing system in which they only implement a function.
 - Plagiarism detection via lexical analysis.
 - Improvement of User Experience.
 - Determination of program quality via static analysis.

Research Intern

Aspiring Minds

APR 2016 – JUN 2016 | Gurgaon, India

- Worked on static analysis of programs in C, C++, Java, Python and PHP to derive scoring metrics.

Intern

Tata Research Development and Design Centre

AUG 2015 – NOV 2015 | Pune, India

- Worked on automated translation of constraints from regulation statements to Eclipse Java templates. Developed a plug-in for Eclipse IDE to aid programmers in implementing these templates in their projects.

PROJECTS

Predicting Emotions of a Group

Emotion Recognition In the Wild, 2017

- Worked on emotion detection of a group of people in an image.
- Used an ensemble of two Convolutional Neural Networks, one trained on emotion heatmaps and the other fine-tuned on ImageNet data.
- Achieved a test accuracy of 70.64%, 17.02% above the baseline.

Predict the Happiness

HackerEarth

- Competition on Sentiment Analysis of hotel reviews.
- Used data augmentation, text embeddings and a Convolutional Network for the text reviews. Stacked an XGBoost classifier on top, which used other categorical variables in the provided dataset.
- Achieved a test accuracy of 90.84% (the best submission was of 90.96%).

EDUCATION

B.Tech in Computer Engineering

Govind Ballabh Pant University of Agriculture and Technology

AUG 2011 – JUN 2015

GPA: 8.0/10.0

First Division with Distinction.

ACHIEVEMENTS

Employee of the Month

Awarded for delivering time critical projects at Aspiring Minds.

Second Runner-Up

Competition on Sentiment Analysis of hotel reviews, run by HackerEarth.

Finalist

CodeVita 2014-15, a programming contest organized by Tata Consultancy Services. Our two member team was one of the *top 15* teams out of a total of 49,000 participating teams.

SKILLS

Programming Languages

Python Java PHP Bash

Operating Systems

Linux Windows

Tools and Libraries

MySQL Git scikit-learn keras
pandas PLY

PUBLICATIONS

Saqib Shamsi, Bhanu Pratap Singh, Manya Wadhwa. Group Affect Prediction Using Multimodal Distributions. *WACV Workshop on Computer Vision for Active and Assisted Living, 2018*