# **SAQIB NIZAM SHAMSI**

💡 Pune, Maharashtra, India

∾ saqibns.github.io

# EXPERIENCE

# Software Engineer

### Whirlpool Corporation

AUG 2018 - Present | Pune, India

- Working on applications of Computer Vision in home appliances, specifically in the domain of closed loop cooking.
- Primary responsibilities include data collection and fine-tuning deep learning algorithms.

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- Worked primarily on Image Classification and Regression, Zero-Shot Learning, 6-Channel CNNs.
- Conducted training sessions for machine learning.

# Software Engineer

#### Aspiring Minds

JUL 2016 - AUG 2018 | 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

- 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.

# PUBLICATIONS

- Saqib Nizam Shamsi, Bhanu Pratap Singh, Manya Wadhwa. Group Affect Prediction Using Multimodal Distributions. WACV Workshop on Computer Vision for Active and Assisted Living, 2018.
- A. S. Nain, **Saqib N. Shamsi**, Mayank Chaudhari, Deepak Bisht. Mobile Based Disease and Pest Monitoring and Management System for Addressing Biotic Stresses in Crops. *Journal of Agrometeorology*, 2018.

# EDUCATION

# **B.Tech in Computer**

### Engineering

# Govind Ballabh Pant University of Agriculture and Technology

AUG 2011 - JUN 2015 GPA: 8.08/10.0 First Division with Distinction.

# ACHIEVEMENTS

#### Got Accepted Into Udacity's Scholarship Program

Obtained a scholarship for Udacity's Secure and Private AI Challenge Nanodegree.

### Top 1%, Microsoft Al Challenge India 2018

Competition on text based query resolution. Was amongst the top 20 teams. The competition was organized by Microsoft Research, India.

### 9th, Computer Vision Challenge

Competition on T-Shirt classification. The competition was organized by HackerEarth.

# SKILLS

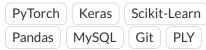
#### Programming Languages

Python Java PHP Bash

### **Operating Systems**

Linux Windows

#### **Tools and Libraries**



# VOLUNTEER

# Omdena

#### **Machine Learning Engineer**

JUNE 2019 - Present

- Supporting United Nations World Food Program for crop identification using satellite imagery.
- Worked on image super resolution using deep image prior and SRGAN, semi-supervised learning using virtual adversarial training.