

# Aanand Vardhan

Computer Science Student

Indian | 30.09.1995



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## EDUCATION

### University of Stuttgart, Stuttgart — Masters of Science

APR 2019 - Present

- Specialisation in Autonomous Systems.
- Current GPA of 3.3

### NorthCap University, Gurgaon — Bachelors of Technology

AUG 2014 - MAY 2018

- B.Tech in Computer Science Engineering.
- Graduated with a GPA of 8.9/10

### The Shri Ram School -Aravali, Gurgaon — ISC

AUG 2014 - MAY 2018

- High School Graduate
- Graduated with a score of 80%

## EXPERIENCE

### GreenTeam e.V. (Formula Student), Stuttgart — Software

DEC 2019 - PRESENT

- Perception of objects using Deep Learning and Keypoint Regression for analysis using a Mono and Stereo Camera setup.
- Master code for controlling all functions and keeping them in check.

### Globus Eight, Gurgaon — IP Specialist

NOV 2015 - JAN 2018

- Developing mobile applications for the IOT environment and services.
- Training for android development (nov 2013 - jan 2014)
- Integrating and developing elements of the IOT model to be implemented in real time applications.

### Sattva Care (Old Age Home), Gurgaon — Volunteer (Software)

JAN 2017 - JAN 2017

- Web development and administrative automation.
- Creating smart solutions for assisting the elderly in monitoring vitals.

### Team Alacrity (Formula Student), Gurgaon — Software/Hardware

APR 2015 - SEP 2016

- Formula Student Bharat (Supra), Chassis design and Electronic systems.
- Quad Torc India, Chassis design and Electronic Systems.

## PROJECTS

### Elevate — Software/Hardware Integration

JUN 2017 - MAR 2018

- An Autonomous Pollution Surveillance Drone collection of Volumetric Pollution Data.
- Data Processing and Analysis deployed to a website with free data publishing.

### OBDII Tool — Software/Hardware Integration

JUN 2016 - DEC 2016

- Developed IOT Solutions for vehicle systems and telemetry logging.
- Data preparation for Fleet Management and vehicle breakdown prediction.

### Craftbreja — Software Design and Development

OCT 2016 - FEB 2017

- Development and deployment of an E-commerce and Crowdfunding application for a beer brewing company in Brazil.
- Complete Software Lifecycle Designing and version control setup for development using AWS and Ionic.

### KTANE Helper App — Software Development

JUN 2016 - JUL 2016

- A voice assistant application that provides a solution to the game KTANE.
- Creation of a large database that can learn and provide solutions for the game.

## SKILLS

- Fluency in Python, Java, C++
- Tensorflow, PyTorch, ROS.
- Data Science (R and Python).
- Hardware Software Integration, SDLC.
- UX/UI Design, Laravel, Ionic, React, SQL, Node JS.

## CERTIFICATIONS

### Machine Learning Specialisation

Coursera

March 2018

Four Course specialisation taught by the University of Washington.

### Goethe Zertifikat A1

Max Mueller Bhavan

June 2018

German language proficiency.

### PHP Basics

FOSS

Nov 2014

Basics of PHP for beginners.

## LANGUAGES

English

★★★★★

Hindi

★★★★★

German

★★★★★

## INTERESTS

### Music

- Performed professionally in a band for the Westin Hotel and Resort for 1.5 years.
- Performed at TedX for cultural music awareness.

### Sports

- Played Football in multiple semi - professional leagues, as well as the college team.
- Played Basketball in the college team.

### Motorsport

- FMSI FMSCI Individual Entrant Licence for track and rally use.

Aanand Vardhan  
Stuttgart, 05.06.2020