

NIKHIL VENKATESH

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EDUCATION

Nanyang Technological University Singapore

Bachelor of Engineering Degree Candidate, Class of 2018

- Major in Computer Science with Minor in Entrepreneurship
- Cumulative GPA: 4.66 (Out of 5)

Chettinad Vidyashram (Grades 11 and 12) Chennai, India

All India Senior Secondary Examination (2014)

- Percentage Marks Secured: 96%
- Placed in the top 2% of 150,000 candidates in JEE Advanced Examination 2014 in India

WORK EXPERIENCE

PayPal Pvt. Ltd. Singapore

Software Engineering Intern (Aug. 2016 – Dec. 2016)

Java, AspectJ

- Develop a system to enable optimized multithreaded functional testing of components.

Garuda Robotics Singapore

Software Development Intern (May. 2016 – Jul. 2016)

Dronekit, Python, OpenCV, Scikit-Learn

- Perform image analytics using Computer Vision and Machine Learning.
- Write autonomous flight control code for drones.

TripBuddy.SG Singapore

Co-Founder & CTO (Sept. 2015 – May. 2016)

Django, Python, Celery, HTML, CSS, JavaScript

- Develop, maintain and provide technical support for an online platform using the Django Framework.

PROJECTS

CommandPlus (September 2016) Singapore

Python, OpenCV, JavaScript

An extension for gesture based control of your browser. Link: <https://github.com/SuyashLakhotia/CommandPlus>

Mohammad Bin Zayed International Robotics Competition (Nov. 2015 – Mar. 2017) Singapore

Robot Operating System (ROS), OpenCV, Python, C++

Develop an unmanned ground vehicle with a robotic arm capable of autonomous navigation. Link: <http://mbzirc.com/>.

Youtube Link: <https://www.youtube.com/watch?v=VMucAkaY5Rc>

Other Projects: CodeBot (Sept. 2016), <https://github.com/SuyashLakhotia/CodeBot>; WhenWeMeetAgain (Jan 2015), <http://devpost.com/software/when-we-meet-again>.

TECHNICAL SKILLS

ROS, Python, Java, Django, HTML, CSS, JavaScript, C++, OpenCV, Android development, SQL, dronekit-python

HONORS & AWARDS

NTU President's Research Scholar for URECA Undergraduate Research Programme.

EXTRACURRICULAR ACTIVITIES

IEEE NTU Student Chapter (Chair iNTUition), NTU Open Source Society (Member), NTU Debating Society (Main-committee Tab Master), NTU Model United Nations (Sub-committee Liaison Officer).