

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 5.00)

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 Pte. Ltd. Singapore

Software Engineering Intern (Aug. 2016 – Present)

Java, AspectJ, Apache Maven

- Design and develop a logging system for internal monitoring using AspectJ and Java. Work on backend services.

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 – Present)

Django, Python, Celery, HTML, CSS, JavaScript

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

Undergraduate Research Experience on Campus (URECA) Singapore

Undergraduate Researcher (Aug. 2015 – Present)

Dronekit, Python, OpenCV

- Work under Associate Professor Suresh Sundaram to autonomously land a drone on a moving target.

PROJECTS

CodeBot (September 2016) Singapore

MongoDB, node.js, HTML, CSS

A chat bot capable of teaching a beginner how to code. Link available at <https://github.com/SuyashLakhotia/CodeBot>.

WhenWeMeetAgain (July 2015, Jan. 2015) Singapore

Android, SQLite, Razer NabuX

v1.0: <http://devpost.com/software/when-we-meet-again>. v2.0: <https://github.com/SuyashLakhotia/WWMAPulse>

Other Projects: **Mohammad Bin Zayed International Robotics Competition** (Nov. 2015 – Present), part of NTU's team for the competition; **InstaFeast** (Jan. 2016), available at link: <https://github.com/SuyashLakhotia/InstaFeast>.

TECHNICAL SKILLS

Python, Java, Django, HTML, CSS, JavaScript, C, OpenCV, Android development, SQL, Dronekit-python.

EXTRACURRICULAR ACTIVITIES

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