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
- Placed in the top 1% of 1.3 million candidates in JEE MAIN Examination 2014 in India

WORK EXPERIENCE

PayPal Pvt. Ltd.   Singapore
Software Engineering Intern (Aug. 2016 – Present)
Java, AspectJ
- Design a logging system for internal monitoring and analytics using AspectJ and Java.

Garuda Robotics   Singapore
Software Development Intern (May. 2016 – Jul. 2016)
Dronekit, Python, OpenCV, Scikit-Learn
- Perform image analytics using Computer Vision and Machine Learning and autonomous flight control.

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 – June. 2016)
DroneKit, Python, OpenCV
- Research under Associate Professor Suresh Sundaram to precisely land a drone using visual navigation.

PROJECTS

Mohamed Bin Zayed International Robotics Challenge *(Nov. 2015 – Current)*   Singapore
DroneKit, Python, OpenCV
Part of Nanyang Technological University's team for the challenge. Info available at: http://mbzirc.com/challenge.

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: 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 (President iNTUition), NTU Debating Society (Main-committee Tab Master), NTU Model United Nations (Sub-committee Liaison Officer), NTU Open Source Society (Member)