

# Suyash Lakhotia

Developer, Software Engineer & Machine Learning Enthusiast

Last updated on 08/07/18. Latest version of this resume: <https://goo.gl/C93P4d>.

(+65) 8411 5786

[suyashlakhotia@gmail.com](mailto:suyashlakhotia@gmail.com)

[suyashlakhotia.com](http://suyashlakhotia.com)

[linkedin.com/in/suyashlakhotia](https://linkedin.com/in/suyashlakhotia)

[github.com/SuyashLakhotia](https://github.com/SuyashLakhotia)

## EXPERIENCE

### Google, Singapore — Software Engineer

JULY 2018 — PRESENT

- Working on Tez, a payments solution for India, as part of Google's Next Billion Users (NBU) initiative.

### Google, Singapore — Software Engineering Intern

MAY 2017 — AUGUST 2017

- Built two Allo 'Activities' (mini-apps for Allo), from ideation to prototype.
- Contributed to the Activity framework by identifying & fixing critical bugs.
- Tech Stack:** JavaScript, Firebase, Java (Server-Side) & Android.

### SAP, Singapore — Software Engineering Intern

JUNE 2016 — DECEMBER 2016

### Creatella, Singapore — Front-End Developer

MAY 2016 — JULY 2016

## SELECTED PROJECTS

### Text Categorization — Deep Learning Research

AUGUST 2017 — MAY 2018 | Supervised by Prof. Xavier Bresson

- Implemented, benchmarked and improved various deep learning models and architectures (MLPs, CNNs, Graph CNNs) for text classification.
- Focus on graph convolutional neural networks (M. Defferrard et al., 2016).
- Tech Stack:** TensorFlow, scikit-learn & NumPy

### Context News Bot — Applied ML + Chrome Extension

NUS HACK&ROLL 2018 | Won Top 8 Prize & Most Socially Useful Hack

- Provides relevant news articles from differing perspectives for tweets.
- Uses entity recognition and sentiment analysis combined with custom heuristics to score retrieved news articles on relevance and saliency.
- Tech Stack:** Chrome Extension (JavaScript), Google Cloud Natural Language API, Twitter API, News API & Flask (Python)

### CodeBot — Chatbot + Web Application

FACEBOOK SINGAPORE HACKATHON 2016

- Interactive chatbot to help beginners learn the basics of programming.
- Chatbot uses GIFs & simplified error messages to ease the learning process.
- Tech Stack:** Node.js, MongoDB, API.AI (now Dialogflow) & Bootstrap.

## SKILLS

- Programming Languages:** Java, JavaScript, Python
- Development:** HTML5 + CSS3, Sass, jQuery, Bootstrap, Django, Flask, Node.js, Android, SQL, Firebase, MongoDB, Git, Bash
- Research:** TensorFlow, scikit-learn, NumPy, Theano, pandas, NLTK

## EDUCATION

### Nanyang Technological University, Singapore

B.Eng. in Computer Science

AUGUST 2014 — JUNE 2018

- > Honours (Highest Distinction)
- > Focus in Intelligent Systems
- > Minor in Entrepreneurship
- > Dean's List (2016 - 2017)
- > Cum. GPA: 4.71 / 5.00
- > Major GPA: 4.86 / 5.00

## CO-CURRICULARS

### NTU Open Source Society President

AUGUST 2015 — JULY 2018

### IEEE NTU Student Branch President

AUGUST 2014 — JULY 2017

### Code In The Community Volunteer Python Instructor

FEBRUARY 2017 — MAY 2017

### iNTUition (Hackathon) Founding Team / Chairperson

OCT. 2014 | MARCH 2016 | OCT. 2016

### Microsoft

Student Partner (Singapore)

FEBRUARY 2015 — MAY 2016

### Nanyang Tech. University Student Researcher (URECA)

AUGUST 2015 — DECEMBER 2015

## SELECTED COURSEWORK

Adv. Topics in Algorithms  
Artificial Intelligence  
Machine Learning  
Neural Networks  
Natural Language Processing  
Operating Systems  
Distributed Systems  
Adv. Computer Architecture  
Adv. Software Engineering  
Compiler Techniques