# Suyash Lakhotia

Product-Focused Software Engineer & Machine Learning Enthusiast

*Last updated on 29/05/24. Latest version of this resume: https://goo.gl/mdOu0m.*

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## EXPERIENCE

### Google, Singapore — *Staff Software Engineer*

JULY 2018 — PRESENT

- Uber TL (previously also Manager/TLM) of team building features for Google Pay's 200M+ users in India.
- End-to-end technical ownership of critical user journeys (onboarding, home page, search pages), working closely with PM/UX to set strategy & direction for a 14 people engineering team.
- Shipped tens of product features, performance optimizations and compliance requirements via data-driven A/B experiments.
- Grew from entry-level (L3) to Staff Software Engineer (L6) in <5y.
- **Tech Stack:** Dart (Flutter), Android, Java (Server-Side), Protobuf API Design & Experimentation Frameworks.

### Google, Singapore — *Software Engineering Intern*

MAY 2017 — AUGUST 2017

### SAP, Singapore — *Software Engineering Intern*

JUNE 2016 — DECEMBER 2016

### Creatella, Singapore — *Front-End Developer*

MAY 2016 — JUNE 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.
- **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

- Friendly chatbot to help beginners learn the basics of programming.
- **Tech Stack:** Node.js, MongoDB, API.AI (now Dialogflow) & Bootstrap.

## PUBLICATIONS

1. **Suyash Lakhotia** and Xavier Bresson. An Experimental Comparison of Text Classification Techniques. *2018 Intl. Conference on Cyberworlds, pp. 58-65.*

## 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 - 2018)

> 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