

Suyash Lakhotia

Product-Minded Software Engineer & Machine Learning Enthusiast

Last updated on 21/05/21. Latest version of this resume: <https://goo.gl/mdOu0m>.

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EXPERIENCE

Google, Singapore — Senior Software Engineer

JULY 2018 — PRESENT

- Tech Lead of team building features for Google Pay's 100M+ users in India.

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 — 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.
- **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 International Conference on Cyberworlds*, pp. 58–65.

SKILLS

- **Programming Languages:** Java, Dart, JavaScript, Python
- **Development:** Flutter, Android, Front-End Web Technologies, Django, Flask, Node.js, SQL, Firebase, MongoDB, Git, Bash
- **Machine Learning:** TensorFlow, scikit-learn, NumPy, 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 - 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