

Suyash Lakhotia

Developer, Aspiring Engineer & Machine Learning Enthusiast

Last updated on 24/02/18. Latest version of this resume: <https://goo.gl/mdOu0m>.

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EXPERIENCE

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

- Built an end-to-end IoT medical solution to livestream patient vitals and push alerts to a doctor's hybrid (i.e. web + native mobile) application.
- Built multiple reference SAPUI5 hybrid applications for internal use.
- **Tech Stack:** SAPUI5 + Cordova (Hybrid Apps), HANA Cloud Platform + HANA XSJS + SQL (Back-End Services) & Node.js (IoT Edge).

Creatella, Singapore — Front-End Developer

MAY 2016 — JULY 2016

SELECTED PROJECTS

Text Categorization — Deep Learning Research

AUGUST 2017 — PRESENT | Supervised by Prof. Xavier Bresson

- Implementing, benchmarking and improving 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 — AUGUST 2018

Focus in Intelligent Systems (AI)

Minor in Entrepreneurship

Dean's List (2016 - 2017)

Cum. GPA: 4.66 / 5.00

Major GPA: 4.83 / 5.00

CO-CURRICULARS

NTU Open Source Society

President

AUGUST 2015 — PRESENT

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

Algorithms & Data Structures

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