



Rishabh Anand

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[rish-16.github.io](https://github.com/rishabh16)

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Profile

Machine Learning (ML) and Natural Language Processing (NLP) Engineer/Researcher with 2 years of experience, journalist and article writer, student at National JC.

Experience

NLP RESEARCHER, VOCQ TECHNOLOGIES, SINGAPORE – 2016-PRESENT

NLP modules at Vocq had a low accuracy in generalising to new feedback outside the training data. I worked on the Neural Summariser that takes in raw user feedback as input and outputs a shorter summary that is used in the Vocq Similarity Engine for further processing. By doing so, I learnt how to work with multiple forms of input data and extracting key insights from them to deliver better-working modules.

FRONTEND ENGINEER, VOCE TECHNOLOGIES, SINGAPORE – 2015-2016

Made prototypes and mock-ups that were demoed that Nanyang Technological University's NTUitive venture arm and MediaCorp that got us our initial round of funding from both organisations. Through the experience, I learnt more about rapid prototyping in the startup space.

Education

National Junior College, Singapore, 2018-Present

- GCE Advanced Level Certificate
- Physics, Computing, Economics, Math, General Paper, H3 Research in ML
- Science and Technology Club member
- National JC Softball team

NVIDIA DLI - Deeplearning.ai, Singapore, 2017

- Neural Networks Nano-degree (ID: KH5PEJM5BJ7T)
- Final grade of 92.9%

St. Patrick's School, Singapore, 2015-2017

- GCE Ordinary Level Certificate - L1R5 of 6 points
- Senior Vice President of the Prefectorial Board
- Executive Committee member of the St. Patrick's Cricket Club
- Senior FOX Sports certified Journalist
- Co-founder, St. Patrick's Chess Club

Achievements

- **Neural Networks and Deep Learning**, 2017
- **Google Code-in**, 2017-2018
- **Young Engineer Gold**, 2017
- **Young Engineer Silver**, 2016
- **Tableau Data Analytics**, 2016

Skills

- **Deep learning**: TensorFlow, Keras, Torch
- **Programming languages**: Python, C, Swift
- **Web languages**: HTML5, CSS3, Javascript
- **Databases**: MySQL, PostgreSQL
- **UI/UX Design**

Publications

Medium Corporation publications in the **Towards Data Science** journal

(<https://medium.com/@mail.rishabh.anand>):

- TensorFlow or TensorNo?
- Machine Learning for the programmatically handicapped
- Making a Replier and Follow Bot for Twitter using Node.js
- Google Code-in 2017-2018
- Modular programming with Keras
- What makes Open Source Software the new icing on the cake
- Programmers are stuck in a vicious cycle
- A sound footing in a one-shot SaaS environment
- Staying relevant in today's growing AI-centric corporate environment.

Projects

MLBlocks (mlblocks.github.io)

Neural Network construction sandbox for beginners based on MIT's Scratch

Drag and drop approach to learning how to build ANNs.

Writes code for the neural network architecture that can be exported and saved.