



Rishabh Anand

+65 98272164

mail.rishabh.anand@gmail.com

Block 317A, #03-218, Anchorvale Road, Sengkang, Singapore 541317

rsh-16.github.io

<https://www.linkedin.com/in/rishabhanand16/>

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 user 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 being used in the Vocq Similarity Engine for further text 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, VOCQ TECHNOLOGIES, SINGAPORE – 2015-2016

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

Education

National Junior College, Singapore, 2018-Present

- GCE Advanced Level Certificate
- Physics, Computing, Economics, Mathematics, H3 Research in Computational Virology
- Science and Technology Club member
- National JC Softball team

NVIDIA DLI - Deeplearning.ai, Singapore, 2017

- Neural Networks and Deep Learning course certificate (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 with Distinction, 2017
- Young Engineer Silver, 2016
- Tableau Data Analytics, 2016

Skills

- **Machine Learning:** TensorFlow, TensorFlow.js, Keras
- **Programming languages:** Python, C, Swift, Scala
- **Web languages:** HTML5, CSS3, JavaScript
- **Mobile languages:** Swift, React
- **Databases:** MySQL
- **UI/UX Design**

Publications

Medium Corporation publications in the **Towards Data Science** journal and **HackerNoon** magazine:

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

- CatGAN: cat face generation using GANs
- Introducing TensorFlow.js 🎨
- Google Code-in 2017-2018
- Modular programming with Keras
- Making a Replier and Follow Bot for Twitter using Node.js
- TensorFlow or TensorNo?
- What makes Open Source Software the new icing on the cake
- Programmers are stuck in a vicious cycle
- A sound footing in sone-shot SaaS environment
- Stay 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 different network architectures.

Writes code for the architecture that can be run on browser, exported and saved.