

# Kohei Suzuki

Machine Learning Engineer

Email: [kohei.suzuki808@gmail.com](mailto:kohei.suzuki808@gmail.com)

Site: <https://www.github/boblef.io>

I am a Machine Learning Engineer in the Vancouver area. I have 6 months of working experience at Singular Software as a Machine Learning Engineer and have done some interesting projects. I spent a lot of time to fill computer science knowledge especially in machine learning by doing tutorials and kaggles, reading blog posts and papers, and getting my hands dirty by creating projects. I will definitely reach goals because I never give up on what I am doing.

**Things written in this resume are just a few of me, please take a look at my site.**

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## Project

Forex trading system with Deep Reinforcement Learning

Dec 2019 ~ Present

- The trading strategy to be optimized by a DRL model is called SureFire trading strategy mentioned in a paper, Deep Reinforcement Learning for Foreign Exchange Trading.  
Url for the paper: <https://arxiv.org/pdf/1908.08036.pdf>
- Used Python to implement all the environment in which I could manage orders and used Tensorforce library to build and to train a DRL model.
- Created MVP within two months which included from implementing the environment to deployment on AWS EC2 where I could trade currencies with completely automated the trading strategy with API from Oanda which is a broker I used.

Please take a look at my site for more details.

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## Industry Experience

Singular Software Inc.

Jan 2019 ~ Jun 2019

- Singular Software is a company where created an application, HeardThat, turns smartphone into a sophisticated hearing assistive device that brings out the conversation in noisy social situations. The company nominated the top 10 companies in New Venture BC 2019 competition.
- Worked as a Machine Learning Engineer Intern for 6 months before they released HeardThat which I involved in by evaluating deep learning models to denoise audio input.
- Created a couple of internal and external platforms with Jupyter Notebook and Flask in Python. One of the internal platforms is a place where the team members can see waveform and spectrogram of any audio file that they are interested in and where it is possible to do arithmetic calculation on audio files and plot waveform and spectrogram of the calculation result.
- This was a remote work so we had a daily meeting on Video call everyday to review what each member did the day before and things to do the day. And we managed each person's task on Trello.
- Had learned how a startup was creating product in agile way and solved on of the real world problems in new ways.

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## Education

- GCI2019 at the university of Tokyo
- Machine Learning Bootcamp at 7Gate Academy
- Institute of Technology Development of Canada
- Deep Learning Specialization on Coursera
- Machine Learning Certificate from Stanford University
- Data Science Certificate at Brain Station

Dec 2019 ~ Apr 2020

Jul 2019 ~ Sep 2019

Jul 2017 ~ Jun 2019

Oct 2018

Sep 2018

Apr 2018 ~ Jun 2018