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EDUCATION

- 09/2019 – 06/2021 Master of Science (Tech.), Aalto University School of Science, Espoo, Finland (60/120 ECTS points)
 Major: **Machine Learning, Data Science and Artificial Intelligence**
- 09/2015 – 06/2019 Bachelor of Engineering, Beijing Forestry University School of Information Science and Technology, Beijing, China
 Major: **Computer Science and Technology**
 Thesis: **Economic Forest Information Recommendation System**

WORK EXPERIENCE

- 05/2020 – 08/2020 **Speech Recognition trainee, Maybe, Shenzhen, China**
- The company aims to build a smart speech robot to teach people learn Chinese.
 - Responsible for Keyword-Spotting (KWS) system development, using Kaldi, with HMM, TDNN, CTC and DTW technologies.
 - Participate in the development of English & Chinese bilingual ASR system.
 - Use the Viterbi algorithm to write the phoneme decoding module to find the optimal phones path. Establish ASR results visualization and performance testing system.
- 03/2019 – 06/2019 **Machine Learning trainee, Cloudin, Beijing, China**
- The company provides top-quality cloud computing in China.
 - Involved in establishing an online cryptocurrency trading program.
 - Combined 3 open source projects and applied the latest machine learning algorithms in dealing with the huge amount trading data.
- 05/2018 – 08/2018 **Data Analyst Trainee, SINA, Beijing, China**
- The company is one of the largest IT companies in China, its core product Weibo is regarded as China Facebook.
 - Responsible for processing and analyzing the media data.
 - Learned how to corporate with colleagues well in a working group.
- 10/2016 – 04/2017 **Speech Recognition Research Assistant, Artificial Intelligence Laboratory of Beijing Forestry University, Beijing, China**
- Engaged in bird voice recognition with speech recognition toolkit Kaldi and Recurrent Neural Network (RNN).
 - Gained the ability to read and write English academic papers.

IT SKILLS

Operating Systems	Shell (excellent), MacOS (excellent+), Linux (good+)
Programming	Python (excellent+), C++(good+), Scala(good), Java (good-), SQL (excellent-)
Python Libraries	PyTorch (good+), Kaldi (good+), NumPy (excellent), Pandas (excellent), Matplotlib (excellent), Flask (excellent)
Development Tools	Git (excellent), Docker (good), Anaconda (excellent)

LANGUAGE SKILLS

Chinese mother tongue

English excellent (IELTS: 7.0)