

Wu Wancheng

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EDUCATION

National University of Singapore

Jan. 2019 - Jan. 2020

- Master in Electrical Engineering
- Courses: Convex Optimization, Pattern Recognition, Neural Networks

University of Electronic Science and Technology of China

Sept. 2014 - Jun. 2018

- Bachelor in Smart Grid Information Engineering
- Courses: Advanced Programming Language and Program Design, Database Fundamentals

EXPERIENCE

Huawei Technologies Co., Ltd.

Mar. 2020 - Aug. 2020

- Software Engineer Intern at Wireless Network Department
- Responsible for development and testing of 5G base station software platform.
- Automated testing tasks using Python

RESEARCH & PROJECT

Neural Network Modelling of 6T SRAM

Jan. 2019 - Dec. 2019

- Design the basic 6T SRAM cell by LTSPICE.
- Data extraction to generate trainset and testset.
- Neural network modelling and training
- Propose some methods to reduce the data needed based on data analysis principles

Spam Email Classification

Mar. 2019 - Apr. 2019

- Use log-transform or binarization data processing method for original spam email dataset.
- Apply four classification algorithms Beta-binomial Naive Bayes, Gaussian Naive Bayes, Logistic regression,
- K-Nearest Neighbors respectively to classify spam emails.
- Calculate the accuracy for different methods and adjust corresponding parameters for optimization.

AWARDS / HONORS

- UESTC Outstanding Students Third-class Scholarship 2015
- UESTC Outstanding Students First-class Scholarship 2016
- UESTC Outstanding Students Second-class Scholarship 2017