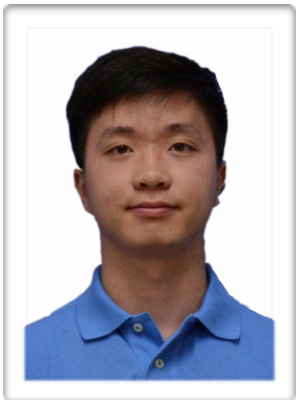

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ShawnZhu2051

专业技能

- TOEFL （106）
- Linux（基础）
- HTML/CSS/JS（熟练）
- C/C++ （熟练）
- Python （熟练）

研究兴趣

- 机器学习
- 生成式对抗模型
- 分布式系统

社会实践

- 民政部直管公益组织“林荫公益”联合创始人。致力于推进精准扶贫政策落实与教育资源均衡发展。

朱宸骁

求职意向

- 数据挖掘岗，机器学习岗

教育背景

2014.9-2018.7　　电子科技大学　　网络工程

- 主修课程：概率论与数理统计，随机过程，计算机网络，数据结构与算法，数据挖掘
- GPA 3.8/4.0，校级优秀毕业生（前10%），校级优秀毕业论文

2017.8-2018.2　　南洋理工大学　　计算机科学

- 交换生，并担任School of Computer Science & Engineering Innovation Lab 研究助理

2018.9-2019.7（预计）　　香港科技大学　　信息技术

项目经历

2018.2-2018.5　　深度张量生成式对抗网络

- 提出了一种基于层次化和张量运算的生成式对抗网络，用于处理高维数据。
- 一作论文 *Deep Tensor GAN*，NIPS 2018 在投。

2017.3-2017.10　　基于张量生成式对抗网络的室内定位

- 提出了一种基于张量的神经网络来实现的新型实时室内定位系统。采用了张量生成式对抗网络来为神经网络的训练提供额外的训练数据。
- 一作论文 *Tensor-Generative Adversarial Network with Two-dimensional Sparse Coding: Application to Real-time Indoor Localization*，发表于IEEE International Conference on Communication (ICC) 2018。

2017.8-2018.2　　NTU Employee Happiness Project

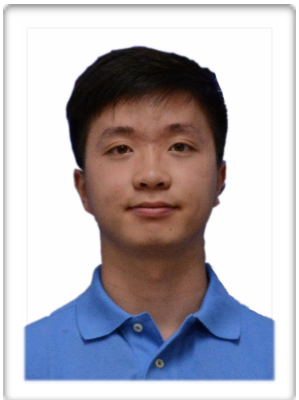
- 使用数据挖掘技术结合认知科学探究学校员工的工作满意程度。使用可穿戴设备收集，量化，分析员工的生理数据与主观感受，使用神经网络和强化学习来预测和改善学校员工幸福程度。
- 以第一负责人身份负责实验设计，软件开发，数据库开发，数据收集与分析等所有事务。

2017.2-2017.2　　基于朴素贝叶斯算法的推特数据新闻检测

- 使用Python搭建了一个基于朴素贝叶斯算法的推特数据分类系统。
- 获得院级“优秀结题”。

自我评价

- 熟悉TensorFlow和Pytorch框架。
- 熟悉常用机器学习模型，使用python实现过常用数据挖掘算法（朴素贝叶斯，随机森林，adaboost等）。



CHENXIAO ZHU

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Academic Skills

- TOEFL (106)
- Linux (Basic)
- HTML/CSS/JS (Professional)
- C/C++ (Professional)
- Python (Professional)

Research Interest

- Machine Learning
- Generative Adversarial Nets
- Distributed System

Extracurricular Activity

- Co-funder of *FutureChina* None-Governmental Organization, aim to alleviate the inequalities of education in China.

Job Intension

- Data Mining, Machine Learning.

Education

2014.9-2018.7 University of Electronic Science & Technology of China

- Major in Network Engineering.
- Major Courses: Statistics, Stochastic Signal Analysis, Computer Network, Algorithm and Data Structure, Data Mining.
- GPA 3.8/4.0, Distinguished undergraduate (Top 10%), Distinguished thesis.

2017.8-2018.2 Nanyang Technological University

- Exchange student, Research assistant in the Innovation Lab, School of Computer Science & Engineering.

2018.9-2019.7 (Expect) Hong Kong University of Science & Technology

- Major in Information Technology.

Project Experience

2018.2-2018.5 Deep Tensor Generative Adversarial Nets

- Proposed a novel hierarchical and tensor based GAN for large-size and high-dimensional data.
- First author paper: *Deep Tensor GAN*, has been submitted to NIPS 2018.

2017.3-2017.10 Indoor Localization via Tensor-GAN

- Introduced a novel real-time indoor localization approach using tensor model with neural network. Applied a tensor-based GAN to generate extra training data to enhance the learning process.
- First author paper *Tensor-Generative Adversarial Network with Two-dimensional Sparse Coding: Application to Real-time Indoor Localization* had been published in IEEE International Conference on Communication (ICC).

2017.8-2018.2 NTU Employee Happiness Project

- Main member in group; be in charge of experiment design, software development, data collect and research. Used data mining to quantize and analysis the collected physiologic data.
- Used neural network and reinforcement learning to predict and improve employee's happiness level.

2017.2-2017.2 Twitter Data Analysis Based on Naive-Bayes

- Used Python to develop a twitter data analyzing method based on Naive-Bayes algorithm.
- Won the title 'Excellent Course Report' in final presentation.

About Me

- Familiar with TensorFlow and Pytorch.
- Familiar with common machine learning model, and implement common data mining algorithms by Python.