

EDUCATION

Qingdao University

Qingdao, China

- *Bachelor of Engineering in Software Engineering;*

Sept. 2014 - June. 2018

Overall GPA: 81.63/100 Third Year GPA: 87.06/100 Major GPA: 84.31/100

WORK EXPERIENCE

WeiChen Future Network, Inc.

July 2016 - Dec. 2016

- *Software Engineering Intern <https://www.qducc.com/>*
 - Wrote a VPN client that solved the NAT traversal problem between Amazon Web Services and private network.
 - Embedded Microsoft Azure Speaker Recognition API to power the application with an intelligent verification tool.
 - Implemented high-performance lottery module, and utilized Redis Message Queue to enhance the response time.

RESEARCH EXPERIENCE

Beijing Housing Price Prediction based on Decision Tree

Jan. 2017 - May 2017

- *Data Mining Final Project <https://house.wenfeng.me/>*
 - Used scikit-learn framework to do simulated training based on optimized Classification and Regression Tree, combined it with the K nearest neighbors algorithm and got the optimal housing model.
 - Showed data virtualization by Pandas, NumPy, matplotlib, and displayed the performance of decision tree.
 - Input 10,000 groups data of housing price as a practice, and achieved 78.92% model performance .

Facial Attractive Computing based on Convolutional Neural Network

July 2016 - Dec. 2016

- *With Professor Jianbo Li <https://face.wenfeng.me/>*
 - Used TensorFlow framework to build CNN network, combined such technologies as face alignment, multiregional feature extraction of human faces etc.
 - Got the alignment and redundant feature through facial landmark detection and rotation, and multiregional feature extraction of human faces, thus enhanced CNN performance.

Sensor Data Distributed Storage System

Jun. 2015 - Jun. 2016

- *National College Innovative Entrepreneurship Training Project - Team Leader*
 - Implemented interface between sensors and Raspberry Pi and real-time sending sensor data to storage layer.
 - Enhanced the efficiency of data writing, used Hadoop Cluster, combined them with a temporary storage layer based on Redis between the gateway and storage layer, and thus saved 30% of time during data writing.

ACTIVITIES

Qingdao University Open Source Software Club

Co-founder/Host

- Held the open source technology lecture on a weekly basis
- Created Linux User Group to promote the open source software movement.

Qingdao University ACM ICPC Association

Member

- Administrated campus online judge system and helped the new members to solve problems

AWARDS

- **Qingdao Hackathon 2016 (#1 out of 26)** *Dec. 2016*
- **National Software Professional Talents Competition 2016, Third prize** *Mar. 2015*
- **Excellent Student Scholarship at Qingdao University, Second prize, 3 times** *2014 - 2017*

SKILLS

- **Programming:** C/C++, Python, Java, MATLAB, HTML/CSS, Javascript
- **Platforms/Frameworks:** Linux, Pandas, scikit-learn, TensorFlow, NumPy, Django, Angular JS
- **DataBase:** MySQL, Redis
- **Tools:** Git, Jupyter, LaTeX, Markdown