

## EDUCATION

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- **University at Buffalo** Buffalo, NY, U.S.  
*Master of Science in Computer Science;* Aug. 2018 - Now
- **Qingdao University** Qingdao, China  
*Bachelor of Engineering in Software Engineering;* Sept. 2014 - June. 2018

## WORK EXPERIENCE

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- **ifanr, Inc.** Mar. 2018 - Aug. 2018  
*SDE Intern <https://www.ifanr.com/>*
  - Using Python to maintain an old version Twitter Bot.
  - Using Python Django to optimize Single Sign On (SSO).
  - Participate in a WeChat Mini Programs BaaS Platform (ifanr Cloud) development
- **WeiChen Future Network, Inc.** July 2016 - Dec. 2016  
*Software Engineering Intern <https://www.qducc.com/>*
  - Using Django to implement daily check-in procedure
  - Wrote a VPN client that solved the NAT traversal problem between Amazon Web Services and private network.
  - Implemented high-performance lottery module, and utilized Redis Message Queue to enhance the response time.

## RESEARCH EXPERIENCE

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- **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.
- **Qingdao University - Mobile APP - Backend** July 2015 - Dec. 2016  
*With Open Source Software Club <https://www.qducc.com/>*
  - Used Python Django to implement Campus Lost and Found, in-campus navigation and score inquiry, etc.
- **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

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- **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

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- **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, 5 times** *2014 - 2017*

## SKILLS

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