

## EDUCATION

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- **Georgia Institute of Technology** Atlanta, America  
*Master in Computer Science; GPA: 3.75* Aug. 2019 - May 2021
- **Beijing Jiaotong University(BJTU)** Beijing, China  
*Bachelor in Software Engineering; GPA: 3.84; Graduated with Department Honors* Sep. 2015 - Jun. 2019

## PROGRAMMING SKILLS

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- **Languages:** Python, C++, Java, Processing, Javascript, SQL, NoSQL, HTML, CSS
- **Technologies and Frameworks:** Angular, Microservices (Java Spring boot), Django

## EXPERIENCE

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- **Institute of Software, Chinese Academy of Sciences** Beijing, China  
*Full Stack Developer - Part time, Intern* Oct. 2018 - May 2019
  - Increased the working proficiency of our team by realizing a video annotation system, which could form the truth data efficiently. This video annotation system was built by Django framework and MySQL database.
  - Made the video annotation system compatible with python 2 and python 3 by upgrading the python version of the original system; Adapted the system to infrared video by tuning the related parameters; Improved the evaluation method of the trained models by adding different evaluation indications based on the tensorflow API.
- **Agricultural Bank of China** Shandong, China  
*Financial Intern* Jul. 2017 - Aug. 2017
  - Learned fundamental knowledge of bank business; got involved in daily business of bank.
  - Summarized meeting; wrote business reports.

## PROJECTS

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- **House Price Prediction** Generated a nice trained prediction system which could predict the house price at Atlanta to help people get a reliable evaluated price. The generated process included four parts: Data scraping, Feature engineering, Model training and Evaluation. Used ridge regression, random forest and DNN to do the separate training job. Used ensemble method stacking to try to get the better performance.
- **TetRobot** Simulated a TetRobot which has a tetrahedron body and four corresponding legs and could be controlled by desired path or keyboard input. Also made the robot be compatible with the physics by rolling the robot during each move and ensuring that the moving foot arrived on the ground with zero absolute velocity and vertical acceleration.
- **Restaurant Recommendation System** Generated a restaurant recommendation system, which could recommend the restaurants according to their preference. Used collaborative filtering algorithm based on users to recommend restaurants; Displayed restaurants using different filters. Accumulated calculating speed using spark. Assisted to finish the User Manual, manage the defect management
- **2018 Mathematical Contest in Modeling of America, Meritorious Winner** Analyzed the energy profile for each state and Generated a statistical prediction of the energy profile of each state.

## AWARDS AND HONORS

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- **Meritorious Winner** - Mathematical Contest in Modeling of America, 2018.
- **Second-class** - Academic Excellence Award ,2017.
- **Third-class** - Academic Excellence Award, 2016, 2018.
- **Placed 3th** - BJTU the 11th College Students Programming Contest, 2017.

## TEACHING/LEADERSHIP EXPERIENCE

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- Volunteer of 2018 Beijing Marathon (2018).
- Volunteer of the summer camp "Hotan Children Experience Capital Beijing" (2018).
- Monitor of Class 1502, School of Software Engineering, BJTU (2017-2019).
- Member of Art Work in Class 1502, School of Software Engineering, BJTU (2016-2017).
- Member of the Publicity Department of BJTU Red Cross Association. (2015-2016)