

Wei Jiang

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Boston, MA

EDUCATION

Boston University	Boston, MA
M.S, Computer Science	Expected May, 2020
Nanjing University of Information Science & Technology	Nanjing, China
B.E, Network Engineering	Sept. 2014-Jun. 2018

EXPERIENCE

Tarena Technology Co., Ltd.	Nanjing, China
Student Software Intern	Aug. 15, 2016-Aug. 30, 2016
<ul style="list-style-type: none">Developed a weather prediction application on Android platform and implemented parameter display, dressing advice.Completed basic edition and design using Java and utilized MySQL to connect and obtain weather datasets.	
Suzhou Keda Technology Co., Ltd.	Suzhou, China
Hardware Intern	Aug, 3, 2015-Aug. 17, 2015
<ul style="list-style-type: none">Installed and repaired monitoring equipment, learnt to operate interior monitoring software of the company.Learnt to install and configure servers, provided IT support and tool maintenance within the company.	

PROJECT

Taking Gender Equality to the Streets	Feb, 2019-May, 2019
<ul style="list-style-type: none">Built display platform, word cloud for each district and cluster using multiple street and related datasets, applied Flask, Vue and Mapbox to visualize streets distribution.Implemented relational model and MapReduce paradigm to clean and filter primitive data, analyzed and optimized candidate datasets, stored computational results in MongoDB.	
Crimes in Boston Prediction	Mar, 2019-May, 2019
<ul style="list-style-type: none">Cleaned and processed crime data, implemented data visualization and interaction using Folium and displayed analysis based on various key features.Applied multiple regression, classification models and Recurrent Neural Network to analyze datasets and provided future crime prediction given different features.	
Studies on the Routing Protocol on the Basis of Thermal Sensing Technology in Wireless Body Area Networks	Jun, 2016-Jun, 2017
<ul style="list-style-type: none">Studied related protocols in Wireless Sensor Networks (AODV, WIMAX, etc.) and conducted protocol simulation through Network Simulator 3.Learned RFID node deployment and installed TinyOS operating system to realize connection and communication between TelosB nodes.Publication: Jiang, W. et al (2017) A Survey of Thermal-Aware Routing Protocols in Wireless Body Area Networks, 15th IEEE/IFIP International Conference on Embedded and ubiquitous computing (EUC 2017).	

SKILLS

Programming Language: Java, Python, C, C++

Tools: MongoDB, Git, MySQL, LaTeX, Folium, MATLAB, Wireshark, Network Simulator, TinyOS, Flask