

EDUCATION

- **Boston University** Boston, Massachusetts
Master of Science in Computer Science; GPA:3.9/4.0 Sep. 2018 – Dec. 2019
 - **Related Courses:** Advanced Algorithm, Distributed Systems, Cryptography, Data Mechanics, Object-oriented Design, Artificial Intelligence, Game Theory
- **Shanghai Jiao Tong University** Shanghai, China
Bachelor of Software Engineering; GPA: 3.4/4.0 Sep. 2014 – Jul. 2018
 - **Related Courses:** Introduction to Computer Systems, Technology for Web Developing, Computer System Engineering, Computer Architecture, Operating Systems, Digital Logic Design of Computer Components

EXPERIENCE

- **Fast Retailing (Uniqlo China) Trading Co., Ltd.** Shanghai, China
Software Engineer Intern Sep. 2017 – Dec. 2017
 - **Allocation Program:** Participated in the research of allocating products within different stores among the country according to various needs, and reduced logistic fees. Collected and analyzed the sales data of different stores.
- **Luoyang West Branch of China Mobile Henan Co., Ltd.** Luoyang, China
Software Engineer Intern Summer 2017
 - **Website Service Development:** Worked as an intern, dealt with the design and development of server programs for new activities on the website. For example, the raffling server, the distribution server for coupon code, etc.

PROJECTS

- **Power Attack Defense: Securing Battery-Backed Data Centers** Jul. 2017 – Nov. 2017
C++
 - **Power Attack Defense Simulation:** Directed by professor Chao Li, Assisted a senior student in optimizing the research result which was published on the International Symposium on Computer Architecture; optimized the analysis on the defense and offense against server farm by analyzing the complete action of more intelligent offenders, and came out with various defensive strategies. Improved my critical thinking while reading papers.
- **Wheeled Robot Auto-Charge Project** Sep. 2016 – Oct. 2017
C++, CAD
 - **Robots Related Work:** Worked at the warehouse at the China Baowu Steel Group Corporation, and experimented on the inspection robots; compared the related research papers on auto-charging, and improved the inspection robots working efficiency. Learned to combine the design of program with physical structures.
- **Design of Take-out Food Delivery Assistant(CS frame, Java):** Responsible for the Android app development, including infrastructure setup, switch of interfaces, customer data management, map display and route planning.
- **Distributed System Course Project(Go):** Complete MapReduce, Raft projects. Improved skills with the understanding and design of Distributed System, and also the ability of multithread programing using go routines.
- **Artificial Intelligence Course Project(Python):** Implemented a neural network with a hidden layer. Used SIGMOID function as the active function and back propagation to train the NN. The NN has an 94% accuracy when applying on recognizing hand-written digits.
- **Design of Five-stage Pipeline CPU(Verilog):** Designed a CPU with 20 MIPS commands in quartus-II. And realized a customized command on it. Gained deeper understanding of CPU and how different stages work together.
- **YFS File System(C):** Developed distributed file system based on the thesis of Frangipani: A Scalable Distributed File System, also the lab of MIT 6.824. Gained knowledge of how distributed file system work.

SKILLS

- **Language&Technologies:** C, C++, Python, Java, Go, SQL, Springboot, Spring Framework.

ACTIVITIES&HONORS

- **Tutor:** Personal maths tutor for a high school student for three years.
- **Organizer:** Organized Union Ball of SJTU and SUFE.
- **MCM Prize:** Honorable Mention (30%) at Mathematical Contest in Modeling.
- **Sports Meeting:** Second Place in the Mens 100-meter Running of the Schools Spring Sports Meeting in SJTU.