Weiqi Feng

Address: Shanghai Jiao Tong University, No.800 Dongchuan Road, Shanghai 200240, China

•fengweiqi@sjtu.edu.cn • +86 180 1906 8737

EDUCATION

Shanghai Jiao Tong University, Shanghai, China

- Major in Computer Science and Engineering (GPA: 4.02/4.3, Rank: 2/153)   Sep 2017 – Jun 2021

Zhiyuan College, Shanghai Jiao Tong University, Shanghai, China

- Major in Zhiyuan Honors Program of Engineering (Top 5%)   Sep 2017 – Jun 2021

Department of Electrical & Computer Engineering, University of Washington, Seattle, USA

- Attend Global Electronic Engineering Program   Jul 2018 – Sep 2018

RESEARCH INTEREST

Network Systems, Cloud Computing, Machine Learning, Serverless Computing

RESEARCH EXPERIENCE

Sustainable Architectures and Infrastructure Laboratory, Shanghai Jiao Tong University

- **Research Assistant**, supervised by Professor **Chao Li**   Jul 2019 – present
- Serverless Computing for Edge Intelligence

   We proposed a platform which deploys network functions and edge data processing functions in the same infrastructure using serverless computing model. And the platform is implemented based on Apache OpenWhisk.

SELECTED PROJECTS

- Course Project of Autonomous Driving Car   Mar 2019 – Jun 2019
- **Group leader**, taught by Associate Professor Shiwen Zhang (EE Department, SJTU)

   We designed an Arduino robot car, which utilizes image recognition based on machine learning to follow lanes and detect traffic signs such as left/right turn and slow automatically.

- Course Project of Hide-Screen   Sep 2019 – Nov 2019
- **Group leader**, taught by Assistant Professor Yi-Chao Chen (CSE Department, SJTU)

   Based on Mobicom paper *Keep Others from Peeking at Your Mobile Device Screen!*, we improved the protecting algorithm and added privacy-preserving support for colorful images and videos.

- Course Project of Large-scale legal documents diagnosis   Sep 2019 – Nov 2019
- **Group leader**, taught by Assistant Professor Yan Yan Shen (CSE Department, SJTU)

   We used GRU(Gated Recurrent Unit) neural network and other rule-based methods to build a platform for legal documents diagnosis.

AWARDS & SCHOLARSHIPS

- RongChang Scholarship (CN ¥30000, Top1%)   2019
- Zhiyuan College Honors Scholarship (CN ¥5000, Top5%)   2017 & 2018 & 2019
- National Scholarship (CN ¥8000, Top 1%)   2018
- Meritorious Winner, MCM/ICM (Problem A)   2018 & 2019
- Zhiyuan College Excellent Scholarship (Class A, CN ¥1000, Top 5%)   2018
- 2nd Prize, China Undergraduate Mathematical Contest in Modeling   2018

CAMPUS ACTIVITIES

Microsoft Student Club, Shanghai Jiao Tong University   Sep 2017 – present

- Inspector of the management department
- Participate in several lectures given by Microsoft R&D engineers

SKILLS

- **Programming Language**: C/C++, Python, Java, Scala, Verilog
- **Software and framework**: PyTorch, MATLAB, LATEX, Docker, Kubernetes, OpenWhisk
- **Language**: TOEFL 106 (Reading 29, Speaking 21, Listening 30, Writing 26)
- **Core Courses**:
  • Mathematical Analysis 97/100, Linear Algebra 98/100, Probability and Statistics 100/100,
  • Discrete Mathematics 99/100, Algorithm and Complexity 97/100
  • Operating System 100/100, Operating System Project 100/100, Computer System Architecture 97/100