Yuqiao Meng

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EDUCATION

Binghamton University, SUNY | Thomas J. Watson College of Engineering and Applied Science **Binghamton, NY**
Master of Computer Science *Expected May 2023*

Chongqing University **Chongqing, China**
Bachelor of Computer Science *Nov 2016 - May 2020*
Cumulative GPA: 3.02/4.00

TECHNICAL SKILLS

Languages: Proficiency in Java, familiar with Python, know about C, C++
Software: Intellij IDEA, Visual Studio Code, Android Studio, PyCharm, Spyder, Git, Linux, Vim
Additional: Basic machine learning(Neural Network), JVM, multi-threads and collections, familiarity, basic HTML, Frontend Framework(Vue, React, Material UI), Java Spring Framework
Coursework: Operating System, Game Dev for mobile platform, Design & Analysis Comp Algorithm

PROFESSIONAL EXPERIENCE

DaHuiZhiLian **Chengdu, Sichuan, China**
Web Developer & AI Developer *Oct 2020 - May 2021*
● Constructed a website with React and Django loading AI models and receiving information from monitor devices to keep power station running normally
● Trained fire detection model using yolov5 model with device images, created a meter reading model with teammates, connected to device monitoring website, both P and R are larger than 90%

PROJECT EXPERIENCE

Chongqing University | Anime Portrait Auto Generation with DCGAN **Chongqing, China**
AI Developer & Web Developer *Jan 2020 - May 2021*
● Studied knowledge about AI history and technology, designed a DCGAN model to generate anime portraits automatically, developed the model with Python, Tensor Flow, trained for 2 weeks, output 24 pixels images with high quality
● Established a website to show anime images and codes, used React and Django

Sichuan Huadi Technology Co., LTD | Food Map of China **Chengdu, China**
Team Leader & Developer *Jun 2019 - Jul 2019*
● Analyzed requirements with teammates, identified the responsibilities of each member, scheduled time table, wrote everyday report, tracked progress
● Crawled data from food websites in China with BeautifulSoup and Scrapy, investigated ways to collect data without being blocked, collected 2GB data from food websites
● Washed, classified and merged data into different types with Hadoop, Spark and MapReduce, analyzed data characteristics , created graphs such as word cloud, saved data and graphs into files

Chinasoft International Technology Service Ltd. | Plane Fight **Chongqing, China**
Team Leader & Developer *Jun 2018 - Jul 2018*
● Designed structure, discussed focus of the project with teammates, planned development schedule
● Developed frame using Cocos2d, including firing bullet, plane movement, enemy movement and explosion, and map movement
● Merged member's codes, debugged program, presented to instructor, got A in final exam

LEADERSHIP EXPERIENCE

Debate Team of Computer College, Chongqing University **Chongqing, China**
Captain *Sep 2017 - Jun 2020*
● Interviewed new members, trained teammates, scheduled competitions with other schools, judged result
● Entered contests, coordinated in coming up with arguments, got a Team Gold Prize in 2020

Publicity Organization of Chongqing University Shandong Branch **Chongqing, China**
President *Sep 2017 - Jun 2018*
● Organized and participated in publicity activities during vacations
● Graded each team's performance, arranged teams in rank according to achievements

EXTRA-CURRICULAR

● **Volunteers in nursing home** | Chongqing, China *May 2018*
● **Membership in Basketball team** | Chongqing university, China *Sep 2017 - Jun 2018*
● **Membership in Street Dance club of Poppin team** | Chongqing university, China *Sep 2016 - Jun 2018*