Yang Xiao

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Syracuse, NY | https://github.com/yangx18

EDUCATION

Syracuse University   Jan 2020 - Dec 2021

Computer Science Master of Computer Science   Syracuse, NY

- GAP: 3.7
- Relevant Coursework: Advanced Computer Architecture, Design& Analysis of Algorithms, Data Mining, Artificial Intelligence, etc.

University of Nebraska-Lincoln   May 2019

Bachelor Mathematics and Minor in Computer Science   Lincoln, NE

- GPA: 3.4
- Honors/Awards: Dean's List; Zhejiang Univ City Coll Prog Scholarship
- Relevant Coursework: Data Struct & Algorithm, Operating System Kernels, JAVA Programming, Probability and Statistics, Numerical Analysis, Graph Theory, Programming Language Concepts, etc.

PROFESSIONAL EXPERIENCE

Tencent   Jun 2021 - Sep 2021

Software Development Engineer in Test | TEG   Shenzhen

- Collaborated on developing TEG Value-Flow Platform under DevOps model calculating delivery period and increasing frequency and pace of releases up to 20%
- Developed CI/CD pipeline automated tools helping TEG Value-Flow Platform improving work efficiency up to 70% comparing with traditionally manual operation
- Evaluated project system risk, designed test cases, and took performance/load/stress testing founding 3 severely performance bugs and collaborating in fixing

Tencent   May 2020 - Sep 2020

Software Development Engineer in Test |Tencent Cloud   Shenzhen

- Built regularly-auto-crawler tools to assist Tencent's employees in expanding and supplementing enterprise WeChat FAQ robots increased more than 2000 data sets
- Processed performance/stress/functional testing for Tencent Cloudbase responding for WeChat applet migrated on-premises workloads to Tencent private Cloud
- Collaborated in CSIG API auto-testing application based on Django web framework and Javascript

Glint Inc.   Jul 2018 - Dec 2018

Natural Language Processing (NLP) Internship   Lincoln

- Offering Sentiment Analysis/Mining opinions for clients' comments systems.
- Extracted key opinion of information from Glint's data sets, structured data, and conducted semi-automatic classification, processed over 2000 available data sets, were used to help clients better foster enterprise culture.
- Handled big data and learned concepts of NLP, ML, such as machine reading comprehension and textual semantic similarity with TensorFlow, NLTK, SpaCy, etc.

ACADEMIC PROJECT

Neural Network Fanta Tic-Tac-Toe, Syracuse, NY   Aug 2020 - Dec 2020

developer

- Developed a customer text-based tic-tac-toe game basics on neural network (NN) component that guides the tree-based algorithm (Minimax, Mcts) AI.
- Generated data sets using Mcts and with Pytorch, training data, and optimize with gradient descent by error function using CNN architecture.

360-Degree Photography Project, Lincoln, NE   Sep 2018 - Dec 2018

Spreetail back-end developer

- Built back-end service to communicate between web application and hardware by deploying Python and Azure Message Bus Service
- Deliver Spreetail application for uploading high-quality images of products and storing into private database

SKILLS LIST

- **Programming Language:** Python, C++, SQL, MATLAB
- **Certifications:** Using Databases with Python, Python Data Structures, Using Python Data to Access Web Data