Jack Zhou

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EDUCATION

University of Illinois of Urbana-Champaign   Jan.2018 - Dec.2019

Master's in Electrical & Computer Engineering   GPA: 3.6/4.0 (4.0 After first semester, Graduate Honor)   Champaign, IL, US

University of Missouri, Columbia   Aug.2014 - May.2016

Bachelor's in Electrical & Computer Engineering   GPA: 3.5/4.0; Major GPA: 3.8/4.0   Columbia, MO, US

University of Electronic Science and Technology of China   Sep.2012 - Jul.2014

Bachelor's in Electronic Science & Technology Engineering   GPA: 3.5/4.0; Major GPA: 3.7/4.0   Chengdu, China

WORKING EXPERIENCE

Member of Technical Staff, Oracle   Apr.2020 - Present **|** Seattle, WA

➤ Worked with Oracle Cloud Infrastructure Security team, write code and add features

➤ Take customer tickets, patching and maintain the availability of Secret Cleaner, SLAPS, MASS, ESP scanners

Senior Software Engineer, Talent Team, Huawei   Aug.2021 - Sep.2022 **|** Shenzhen, China

➤ Worked with Huawei Cloud Block Storage team, write test case and code security test

➤ Test product 100us and SFS 2.0; finish rule of red line 3.0 and network and privacy report

CTO, mornscience / seascience

➤ Software products Initial design and build such as trustrent, trustfriend, trustjob

Security Engineer Intern, Insight Data Science   Jan.2020 - Apr.2020 **|** San Francisco, CA

➤ Used python and machine learning to find and alert different types of web attacks

Software Engineer Intern, Schlumberger   May.2018 - Aug.2018 | Houston, TX

➤ Oil Data Web Platform, Used Typescript and Angular, implemented Graph Algorithm and APIs

Software Engineer Contactor, SitaCorp & Clinpharma Clinical Research   Dec.2016 - Nov.2017 | Princeton, NJ

➤ Developed "Online-Order-System" with MEAN stack technology

RESEARCHES & PROJECTS

Social Media Behavior Analysis with Machine Learning   Nov.2019 - Dec.2019 | Champaign, IL

➤ Used Python (NumPy) and KNN, compared with other machine learning models

➤ Predicted over 70000+ feelings and obtain over 99% accuracy

Deep Network Face Swap Research Project   Mar.2019 - May.2019 | Champaign, IL

➤ Swapped two person's face by detection/segmentation, train face mask

➤ Used Generative adversarial Networks (GANs), NumPy, VGG

Computer Vision Optimizer Behavior Analysis   Apr.2019 - May.2019 | Champaign, IL

➤ "CIFAR-100" Object Classification via NumPy, VGG, Resnet

➤ Research and Compare optimizer behaviors in Object Classification

Embedded System Project   Nov.2015 - Dec.2019 | Columbia, MO

➤ Completed lifecycle of Embedded System Project "SCADA system" and three boards

➤ Practiced "TCP/IP" network method by sockets, realized "Music Keyboard" based on TS-7250

Subway Traffic System Mode Design   May.2013 - Jun.2013 | Chengdu, China

➤ Conducted mathematical modeling subway lines for UESTC student routine in Chengdu

SKILLS & INTERESTS

Programming Language: Python, C++/C, JavaScript, Java, PHP, Go, Swift

Web and Mobile: HTML, CSS, TypeScript, Angular, Bootstrap, Node JS, Express, Django, AWS, Google Cloud, Android, IOS

Database: SQL, Mongo DB, MySQL, SQLite, HBase, Blockchain

Deep Networks: Pytorch, TensorFlow, Keras, OpenCV, Skimage, Sklearn, Google Colaborary, Jupyter Notebook

Award: Math Competition NO 40, Mathematical Modeling University Competition No1

Hobbies: Chess & Card Games, Table Tennis, Basketball, Reading, Teaching, Algorithm Competitions, Kaggle Competitions, CTF

Language: Chinese (native), English (proficient)