

Jefferson (Jeff) Zhan

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OBJECTIVE

To further real-world applications of technical and interpersonal training both in classroom and previous experience through a summer internship in a team-oriented environment

TECHNICAL SKILLS

- *Programming/Scripting Languages:*
 - (Proficient) Java / Python
 - (Working) C / MATLAB
 - (Fundamentals) JavaScript / Node.js / CSS / JSON / Linux Bash Shell Scripting
- *Applications:* SourceTree-Git / AppDynamics / APM-Introscope / JMeter / Adobe Suite / Microsoft Suite
- *OS:* Windows 98, XP, Vista, 7, 8, 10 / macOS High Sierra / Linux (Ubuntu, Fedora)
- *Methodology:* Agile-Scrum

WORKING EXPERIENCE

QUALITY ASSURANCE INTERN | ELAVON | MAY 2018 – AUG 2018

- Slashed creation of performance test report times from days to minutes, by creating an HTML automation that updates Confluence pages with various performance testing data
 - Utilized parsers on production performance logs and analyzed results to accurately update model for test runs
 - Constructed 2018 Trend Report of valid performance tests based on analysis of performance logs and metrics
- Technology: Agile-Scrum, Python, HTML5, JSON, BeautifulSoup4, Linux Bash Scripting, Git, REST API*

TEACHING ASSISTANT | KUMON | MAR 2017 – AUG 2017

- Facilitated the Early Learner's Program in both Mathematics and Reading
- Expedited in creating daily, individual lesson plans from an analysis of each student's performance

PROJECTS

MNIST MACHINE LEARNING

Machine Learning Code for MNIST Data Set to identify images of handwritten digits

- Constructed 4-layer Neural Network with a Sigmoid Activation Function
 - Achieved 97% accuracy with training data
- Technology: Python, Google's TensorFlow Library*

CARD GAMES (HACKGT 2017)

A Graphical Interface of the Card Games, War and Blackjack, for Human vs Computer

- Designed and implemented a GUI Interface with JavaFX within 18 hours at HackGT 2017
- Technology: Java 1.8, JavaFX, Git*

EDUCATION

COMPUTER SCIENCE | GEORGIA INSTITUTE OF TECHNOLOGY | ATLANTA | AUG 2017 – MAY 2021

DEAN'S LIST

RELATED COURSEWORK

- Intro to Object Oriented Programming / Computing in MATLAB / Computer Organization and Programming
- Data Structures and Algorithms / Design and Analysis of Algorithms / Intro to Artificial Intelligence
- User Interface Design / Intro to Probability and Statistics / Applied Combinatorics

CLUBS

- GT Data Science / GT Bridge Club / GT Photography Club / GT Design Club / HackGT