Tyrone Shaffer

Skills

C#

Python

Javascript

Data Visualization

AWS

Machine Learning

Angular

SCSS

NodeJS

Associations

Game Dev Knights (2018)
Treasurer

•Spearheaded fundraising initiative that raised over $16,000 to send students to the Game Developers Conference

Contact

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Experience

Research Assistant (2017 - 2018)
RAPID Labs, Orlando, FL

• Informed military spending decisions by researching & assessing emergent VR tech
• Developed VR training environments using Unity3D, then analyzed user data utilizing Python

Programming Intern (2016 - 2016)
Institute for Simulation & Training, Orlando, FL

• Designed and debugged an interactive physics simulator with Unity3D using C#
• Identified differences in user behavior through data analysis with Python

Projects

Data Science Survey Analysis (2018)
Annual Kaggle Survey Competitor

• Cleaned and analyzed over 23,000 survey results aggregated by Kaggle
• Discovered and visualized discrepancies between the skillsets and nationalities of students and professionals

mARkit: Mobile (2017 - 2018)
Front-End Developer

• Oversaw the development of an AR application aimed to provide virtual, 3D previews of goods
• Created web-client UI companion app to provide an interface for users to upload 3D models easily

Logistic Perceptron (2017)
Programmer

• Trained a Logistic-Regression based Perceptron AI that could successfully categorize arbitrary data
• Learned matrix-manipulation techniques to hopefully create more advanced AI/Neural Networks

Education

BS, Computer Science (2015 - 2018)
University of Central Florida