

Tyrone Shaffer

Skills

Python



Java



C#



Data Visualization



Data Mining



Computer Vision



SQL



TensorFlow



Language Proc (NLP)



Volunteering

Game Dev Knights (2018) Former Treasurer

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

Contact

786 - 390 - 8351

tyroneshafter133@gmail.com

www.tyroneshafter.com

<https://github.com/TShaffer133>

Experience

Associate Software Eng (03/19 - Curr) Northrop Grumman, Melbourne, Florida

- Implemented real-time object detection via TensorFlow to monitor sea turtle populations with drones
- Automated JIRA administration with Java while extracting metrics from PostgreSQL databases

Research Assistant (07/17 - 07/18) 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 (04/16 - 08/16) 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

Job Posting Analysis (05/19 - 07/19) Kaggle/City of LA Competition Winner

- Awarded \$1500 for examining over 600 job postings provided by the city of Los Angeles for biased language
- Provided actionable steps to reduce both racial and gender-biases to attract more diverse candidates

Real-Estate Price Prediction (01/19) Data Analyst

- Analyzed over 80,000 real-estate transactions provided by the city of New York to predict prices
- Uncovered which traits provided the largest predictive value through chi-squared tests

Data Science Survey Analysis (12/18) Kaggle Competition Participant

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

Education

BS, Computer Science (08/15 - 08/18) University of Central Florida