DANIEL TELLIER

Software Engineer

(818) 274-2301 — telldanieljames@gmail.com — Los Angeles, CA

SKILLS

Languages	C/C++, Python, Java, C#, MySQL, MATLAB, Bash
Tools	DataGrip, Agile Development, VSCode, Visual Studio, Unity Game Engine
Cloud Technologies	AWS, Google Cloud
Version Control	Git, GitHub
Operating Systems	Linux, Windows

EMPLOYMENT

Northrop Grumman - Los Angeles, CA June 2020 - Current
Software Engineer

· Developing test scripts for the UH-60V Black Hawk

nFlux AI - Los Angeles, CA Sept. 2019 - May 2020
Software Engineer Intern

· Trained robot to learn soccer in 2D simulation using imitation learning
· Robot reached 94 percent accuracy in scoring goals

CSUN TAVLAB - Los Angeles, CA Aug. 2019 - June 2020
Software Engineer Intern

· Designed programming language prototype for JPL
· The language called Proteus is meant to simplify the process of writing hierarchical state machines

Northrop Grumman - Los Angeles, CA June 2019 - Aug. 2019
Software Engineer Intern

· Developed software for aircraft navigational systems to meet current FAA standards
· Designed test scripts to ensure algorithm accuracy
· Auto generated C++ to be utilized in flight critical systems

Shiva - Los Angeles, CA June 2018 - June 2019
Software Engineer Intern

· Utilized machine learning in soccer simulation
· Performed supervised learning on simulation to speed up training time
· Increased experience generation of simulation by 20%

Systems Engineering Research Lab - Los Angeles, CA June 2018 - Dec. 2018
Software Engineer Intern

· SERL collaborates with the US Air Force and LA Fire Department
· Designed parts of simulation to detect humans in a hazardous building
· Utilized Agile Development to produce software and led Scrum meetings
· Graphically represented over 20 features of the simulation

EDUCATION

CSU Northridge *Jan. 2015 - May 2020*
B.S. Computer Science Overall GPA: 3.6
Dean's List Spring 2015, Fall 2015, Fall 2016
Courses Machine Learning, Data Mining, Data Structures, Statistics

PROJECTS

Galana Jan. 2019 - May 2019

· Utilized transfer learning to train neural networks to identify galaxies
· Developed convolutional neural networks using Keras and Tensorflow
· Reached an accuracy of over 90% in terms of classifying galaxies