

Ricardo Flores

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Security Clearance: Secret

EDUCATION

University of Southern California — *BS., Computer Science '19*

KEY QUALIFICATIONS

- Prior experience developing object-oriented code in C++ and Python.
- Knowledgeable with iOS: Swift, Xcode, UIKit, AVFoundation, SpriteKit
- Participated writing JavaScript including experience with common libraries(jQuery and Angular)
- Computer science fundamentals: data structures, algorithms, performance complexity

EXPERIENCE

USC Viterbi School of Engineering — Los Angeles, CA.

Instructional Assistant, Data Science
2017 - Present

- Aid discussions on data science and building software development skills including: Python scripting, using scientific packages, web scraping techniques and machine learning
- Assist students with course projects and concepts in weekly office hours

Northrop Grumman — El Segundo, CA.

SOFTWARE ENGINEER INTERN
SUMMER/FALL 2017

- Verify and validate various engineering releases, ensuring the quality of software products to the customer.
- Develop automation tools to improve the efficiency of testing and allowing more corner cases to be tested in the same amount of time originally needed for a development testing cycle.

United States Navy — San Diego, CA.

NAVIGATION SPECIALIST
2009 - 2013

- Responsible for installing, administering and maintaining onboard communications and navigations systems.
- Performed system upgrades, troubleshoot component failures, and installed approved system modifications to navigation systems, radar systems, and Voyage Management System (VMS)

SKILLS

Software Languages: C/C++, Python, Swift, JavaScript, HTML, CSS

Scientific Packages: Numpy, Pandas, Matplotlib, OpenCV

Backend Frameworks/Tools: Node.js, Flask, MySQL