

Leo Antelyes

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EDUCATION

Rensselaer Polytechnic Institute B.S Games and Simulation Arts and Sciences

Graduation: May 2016

GPA:(Last three terms): 3.91, 4.0, 3.87

GPA:(Cumulative) 3.47

EXPERIENCE

ViaSat Inc, Carlsbad, CA — *Software Engineer (Current)*

July 2016 - Current

Worked on the Tactical Network Solutions team as a front end developer to make a web based tool to configure and maintain a proprietary tactical satellite communication network for various government armed forces and other international clients. Created using AngularJS, HTML5 and CSS.

ViaSat Inc, Germantown, MD — *Software Engineer (Intern)*

July 2015 - August 2015

Designed and built an embedded web application to aid in the configuration and maintenance of a satellite base station controller and base transceiver station. The backend was created using Python and the front end was created using HTML5 and JavaScript.

Worked on the Blue Force Tracking 2 team as a software developer and test engineer. Worked on the client side application using Java. Helped automate and optimize deployment and test procedures using Red Hat's Ansible and shell scripting.

PROJECTS

The Olfactory Game — *Role: Gameplay Programming and UI Design*

A game with both hardware and software components based on the measurement and training of one's sense of smell. Part of an effort to develop a new method of preventing and treating early onset Alzheimer's Disease. Collaborated with a Computer Science major, Cognitive Science major, and a Mechanical Engineering major.

World Of Plankton — *Role: Audio and Visual Effects*

An interactive simulation of Lake George's wildlife on many different physical scales. Designed to teach individuals about the impact of human action on the lake's complex ecosystem. Shaders were programmed in Cg and GLSL; audio mixing was done using Unity3D's built in mixer. Part of the Jefferson Project, an initiative by RPI and IBM to study and raise awareness of Lake George.

SKILLS

JavaScript

AngularJS

React

MeteorJS

Java

Python

HTML5/CSS

RESTful APIs

Interdisciplinary Teamwork

AWARDS

President's Volunteer Service Award

Received for performing over 300 hours of community service at an Orphanage in Beijing, China

1st Place in ViaSat Intern Hackathon

Created an onboarding web application for prospective interns. Competed with interns from across the country

Rensselaer Leadership Scholarship

Merit scholarship given to students upon admission

CLUBS AND SOCIETIES

P.U.L.S.E Club

People using live software instruments

Sigma Chi Fraternity

Delta Psi chapter - Judicial board member

Oceanside Humane Society

Volunteer - Dog shelter