

Eric Ho

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EDUCATION

B.S. Computer Science Engineering
University of Florida
Expected Graduation, Spring 2022
Economics Minor
GPA: 3.70 | Major GPA: 3.71

SKILLS

Java, C, C++, Python, SQL, GIT,
JUICE, MATLAB, ROS,
JavaScript, Dart, React, HTML &
CSS, Springboot, Flutter

RELEVANT COURSEWORK

Operating Systems
3D Audio
Numerical Analysis
Data Structures and Algorithm
Embedded Systems

WORK EXPERIENCE

ADAMUS Lab

Software Engineer

September 2020 – Present

Gainesville, FL

- Developed flight software for PATCOOL cubesat satellite
- Generated and applied a binary encoding system for data transmission using google protobuf
- Worked with PCBs and performed hardware in the loop testing
- Analyzed data sheets for surface mounted components
- Kernel level development on Linux system

Raymond James Financial

Backend Development

May 2020 – August 2020

St. Petersburg, FL

- Tested, debugged, and demoed software used in the financial services industry.
- Reviewed and modified a testing framework used for quality assurance
- Collaborated with team members in a Scrum based development process
- Studied RESTful web services using the Springboot framework
- Remodeled database design and created ER diagrams for team members to reference

MYOLYN

Data Science Intern

May 2019 – August 2019

Gainesville, FL

- Streamlined customer outreach process by creating a client filtering algorithm
- Trained and analyzed different machine learning models using MATLAB
- Implemented model into Zoho customer relationship management system
- Handled documents during a switch in inventory management systems

PROJECTS

SoundStage

- A VST plugin for Digital Audio Workstations, allowing the creator to control a sound's perceived location in a 3D space

Imprint Genius Dashboard

- A client facing web application which tracks, sorts, and presents sales data for an ecommerce store owner

Titanic Machine Learning

- Uses machine learning to create a model that predicts which passengers survived the Titanic shipwreck, based on various passenger data

CERTIFICATIONS

- Oracle Associate, Java 8 Programmer
- Dassult systems associate, Solidworks mechanical design