

Jaime Orellana

Frontend & Backend Developer

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Projects

Kindrone

Dragon Hacks @ Drexel University, Third Place Hack

- We developed a program that used the Kinect sensors to communicate with an AR.Drone.
- The Kinect was then hooked up to send commands to the AR.Drone by the use of hand gestures
- We set out with the goal of advancing existing forms of quadrotor control

Team: Ammar Al-Kahfah, Jaime Orellana

Tools: KinectSDK, AR.DroneSDK, C#, VisualBasic

Major Way

Hoya Hacks @ Georgetown University, Best Education Hack

- We created a website application that takes in an uploaded four-year major curriculum and returns a graph of the most relevant subtopics in the major.
- Our goal was to provide STEM students a service that outlines their major's subject composition so that they would be better informed about it.

Team: Sabbir Ahmed, Justin Chavez, Ana Ortez-Rivera, Jaime Orellana

Tools: Python, JavaScript, Bootstrap, JQuery, Flask and Natural Language Processing

Experiences

Software Engineer Intern

InfoTek

Jan 2016 - Feb 2016

- Developed file system API for user upload/download
- Improved knowledge on website security by using HTTPS protocol and server firewalls
- Gained experience using Java for Enterprise use, specifically Google Webkit Tools

Project Intern

USDA

Jul 2015 - Aug 2015

- Experienced the macro, federal level of policy transactions, specifically the policy generation of renewable energy and farming initiatives

Intern

MolBox LLC

Jul 2014 - Aug 2014

- Developed skills using 3D animation with AutoDesk Maya
- Aided in replacing hardware from damaged computers
- Gained experience using Linux(Ubuntu) systems

Technical Applicant Preparation (TAP) Campus Ambassador

CODE2040

- Informed students at my school of future technological internships
- Mentored students in tech-related fields, specifically under-represented minorities
- Spread awareness of CODE2040 Programs and shared my experiences at CODE2040 programs

Education

B.Sc: Computer Engineering, Mathematics

University of Maryland, Baltimore County

2014 - 2018