

# Christopher J. Miller

COMPUTER ENGINEERING STUDENT · SOFTWARE DEVELOPER

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## Education

### University of Florida

CURRENT COMPUTER ENGINEERING STUDENT

Gainesville, FL

Aug. 2018 - Present

## Skills

**Programming** Python, C#, Java, Node.js, Ruby, Javascript, Go, Git, CI, Agile  
**Web** Express, Ruby on Rails, React, Bootstrap 4/5, Semantic UI, HTML5  
**Desktop** Electron, Unity3D, Linux  
**Infrastructure** Docker, Kubernetes, OpenStack, Google Cloud

## Experience

### Lakewood Leaders

FULL-STACK DEVELOPER & WEBMASTER

Lakewood Ranch, FL

Jun. 2016 - Present

- Developed RESTful Rails 4 website to allow management of school community service organization.
- Functionality was improved through continuous automation of remedial club tasks such as sign up sheet generation.
- Website has been rewritten to improve functionality and longevity as a Rails 5 website, under the project name openService.

### PicFo (Start-up company)

ANDROID DEVELOPER

Sarasota, FL

Jun. 2018 - Present

- Joined app development team to aid in completing and publishing android application.
- App is still currently in development.

## Extracurricular Activity

### TSA (Technology Student Association)

MEMBER & CHAPTER OFFICER FOR 2 YEARS (2016-2017, 2017-2018) AS REPORTER

Lakewood Ranch, FL

Aug. 2011 - Jun. 2018

- Competed in events at the district, state, and national level focusing in areas of STEM.
- Reformed school chapter with aid of other core members, streamlining chapter activities through the use of software development.

### Realliance

CORE MEMBER & FINANCIAL OFFICER

Gainesville, FL

Jul. 2018 - Present

- Organization focused on experimentation and growth in the areas of software development.
- Currently managing finances for server renting.
- Developed the organization's website.

### Hack the Box (Pen-Testing Labs)

MEMBER

Online Organization

Jul. 2018 - Present

- Gained expertise in hacking & security areas, especially in the area of website exploitation.
- Achieved rank of "Hacker", and ranked 481st on the website.

## Certifications

**2017** Solidworks Associate Certification in Mechanical Design  
**2018** Adobe InDesign CS6 Certified Associate  
**2018** Adobe Illustrator CS6 Certified Associate  
**2018** Autodesk Certified User Revit for Architecture  
**2018** CompTia A+ Certified CE

## Honors & Awards

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### INTERNATIONAL

2014 **Design Award**, VEX Robotics World Championship

Anaheim, U.S.A

### DOMESTIC

2018 **1st Place Animatronics**, TSA National Conference

Atlanta, GA

2018 **7th Place Architectural Design**, TSA National Conference

Atlanta, GA

2017 **8th Place Architectural Design**, TSA National Conference

Orlando, FL

2016 **3rd Place Engineering Design**, TSA National Conference

Orlando, FL

2015 **9th Place Software Development**, TSA National Conference

Dallas, TX

2018 **1st Place Engineering Design**, FL TSA State Conference

Orlando, FL

2018 **4th Place Architectural Design**, FL TSA State Conference

Orlando, FL

2018 **5th Place Webmaster**, FL TSA State Conference

Orlando, FL

2017 **NASA Certificate of Recognition**, FL TSA State Conference

Orlando, FL

2017 **1st Place Engineering Design**, FL TSA State Conference

Orlando, FL

2017 **1st Place Video Game Design**, FL TSA State Conference

Orlando, FL

2017 **3rd Place Webmaster**, FL TSA State Conference

Orlando, FL

2016 **2nd Place Software Development**, FL TSA State Conference

Orlando, FL

2015 **1st Place Software Development**, FL TSA State Conference

Orlando, FL

## Writing

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### Guide for conversion of Guitar Hero 3 Wii Controller to Wired PC Controller

Github Repository

FOUNDER & WRITER

Aug. 2018

- Developed library for Arduino micro-controllers to read inputs from Wii GH3 Les Paul controllers and convert them to PC game controllers using UnoJoy.
- Wrote a tutorial as part of the project's Github Repository on how to do the project yourself.