

# Frank Calas



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## EDUCATION

### FLORIDA POLYTECHNIC UNIVERSITY

B.S. Of Mechanical Engineering

Graduating May 2018

## SKILLS

AutoCAD & Inventor  
Solidworks  
Matlab  
ANSYS  
Multisim  
Python/Ruby/c++  
Raspberry Pi/Arduino  
Circuit Design

## INTERESTS



Hacking/Coding



Cooking



Vehicle Restoration



Community Building

## EXPERIENCE

### BASIC RESEARCH ASSISTANT

FLORIDA POLYTECHNIC | HICKMAN  
FALL 2015 - SUMMER 2016

Assisted primary researcher with developing new techniques for graphene thin-film deposition onto a glass substrate.

### EDUCATION RESEARCHER

FLORIDA POLYTECHNIC | INTEGLIA  
FALL 2016 - SPRING 2017

Developed and facilitated a workshop series teaching students about microcomputers and programming. Covered topics from introductory material to mesh networking.

### #STEM TALK PANEL SPEAKER

FLORIDA POLYTECHNIC | STEM Talk  
NOVEMBER 30TH, 2016

Participated in a #STEM Talk panel on the topic of IoT security alongside Kartik Goyani (Metro Development) and John Walicki (IBM Watson) on the future of IoT in homes.

### POLYHACKS

STUDENT HACKATHON  
JANUARY 2016 - JUNE 2017

Founded and organized Polyhacks, Florida Polytechnic University's first student hackathon. We served 600+ student hackers over the course of 4 major events in 2 years.

### ADVANCED TECHNOLOGY INTERN

CABLELABS | LIGHT FIELD  
SUMMER 2017

Developed a bare-bones system for creating disparity maps and 3D imaging with a stereoscopic image as a foundation for light field applications

## HACKATHON EXPERIENCE

5

Hackathons  
Organized

16

Hackathons  
Attended

3

Hackathons  
Won

11

Hackathons  
Demoed