

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