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Kyle Spomer

26 N Lake Idylwild Dr
Winter Haven, FL 33881

Education:

• **Florida Polytechnic University**, Lakeland, FL (current)
Bachelor of Science in Computer Engineering
Advanced Electrical Concepts Concentration
Anticipated Graduation: Spring 2018 GPA: 3.20

Experience:

• **Walt Disney Parks & Resorts (Feb 2017-Present)**
Attractions(Feb 2018 - present) – Food & Beverage(Feb 2017 - Oct 2017)
• Quickly and safely handling operations in the world's busiest theme park
• Responding to guest questions and complaints while maintaining courtesy and positivity

• **Student Research Intern, Florida Polytechnic University (Oct 2016-Jan 2017)**
Embedded Discovery Project
• Designed and facilitated a series of workshops, wherein students are taught the basics of microcomputers and there applications

• **Admissions Team Lead, Florida Polytechnic University (Aug 2015-Oct 2016)**
• Conducted visitor tours and encourage prospective students to attend
• Supervised up to 10 Admissions Associates

Proficiencies:

Hardware:
Raspberry Pi/Arduino
Motors
Robotics Equipment
Oscilloscopes
Func. Generators
PLC's

Software:
SOLIDWORKS
AutoCAD/Fusion 360
Excel/Access
Adobe Illustrator
UNIX Operating Systems

Programming Languages:
Ladder Logic
C/C++
Java
Python
Swift
HTML/CSS
MySQL
Verilog HDL
Assembly (MIPS32/AVR)

See more projects and current work at: spomer.co

Select Projects (and Awards):

• **Disney's Ultimate EnginEARing Exploration 2016** (Best in Electrical Engineering)
Worked through various attraction based engineering problems to aid the group in designing a new Epcot World Showcase pavilion.

• **Infrared Characterization Platform**, Design 1&2
Building an automated robotic testing platform for an emerging renewable energy technology
- Designed and fabricated all the mechanical and control systems for the project.

• **Toastifai**, HackRiddle 2016 (3rd Place, Best use of Amazon Web Services)
Outfitted an ordinary toaster with a camera, relays, and a Raspberry Pi microcomputer that used machine learning and computer vision to determine when their toast is perfectly done.

• **Sustainable Electronics**, Renewable Energy Systems & Sustainablitily
Designed a microcontroller PCB through environmentally friendly manufacuring methods to be used for measuring solar radiation.

Campus Activities:
IEEE *Orientation Leader*
SMTA *PolyHacks(Hackathon Org. Team):*
Rotaract Club *Director of Sponsorship*

Volunteer Experience:
Coalition for the Homeless of Central Florida
Monthly meal serves (since 2011)