

COLIN HUNTLEY

PROFILE

Driven physicist with a passion for engineering. Calculus enthusiast and life-long scholar. Musician and theater lover.

CONTACT

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HOBBIES

Soccer
Computer building
Hiking
Movies

EDUCATION

University of South Florida

06/2014 – 05/2021

B.S. Physics (Materials focus)

Minor in Russian Language and Culture

WORK EXPERIENCE

University of South Florida – Optics Research

01/2021 - Present

Built autocorrelator to measure temporal delay between two photon process laser beam.

University of South Florida - Student Research

06/2018 – 09/2019

Scripted data in Matlab to model and simulate complex biophysical systems. Created and executed code using Python to model Kalman filters for neuron chemical interaction.

University of South Florida – Independent Labs

08/2017 – 06/2018

Tested and measured circuits in various configurations.

Wielded oscilloscopes, 4point probe, Lock-in amplifier, and other basic instrumentation. Operated polarizers and lasers to measure intensity of light. Utilized electron diffractor to predict wavelengths of light.

Bonefish Grill - Server

04/2018 - Present

Worked in a cohesive team. Communicated orders and special requests.

SKILLS

- Teamwork
- Communication
- Problem Solving
- Independent research/study
- Auto CAD (Solidworks)
- Python
- Matlab
- Time management
- MS Excel