

MAX FARRELL

760 Central Parke Circle, Apt. 302 ● Lakeland, Florida 33810 ● (863) 354-4890 ● mfarrell@flpoly.org

Education

Bachelor of Science in Computer Science, Concentration in Cyber Security and Information Assurance. Expected May 2018.
Florida Polytechnic University, Lakeland, Florida.

Research Experience

Research Assistant. Project to Investigate use of Natural Language Processing in Health Informatics. Summer 2016.
Under the direction of Dr. Athanasios Gentimis, Dr. Harish Chintakunta, Florida Polytechnic University.

- Gathered and analyzed medical corpora, mainly from PubMed.

Research Assistant. Project to Investigate development of Rapid Cybersecurity Development Processes in Health Care. Spring 2017 – Fall 2017. Under the direction of Dr. Susan LeFranoics, Florida Polytechnic University.

- Created vulnerable machines for vulnerability assessment and MOSC
- Created the MOSC (Medical Offensive Security Competition)
- Ran the first year MOSC
- Assessed the vulnerability of multiple medical devices

Work Experience

Innovation Lab Technician.
Florida Polytechnic University
Fall 2014- Spring 2016

- Cyber Gaming and Media Lab
Spring 2016 – Summer 2016
- Cyber Security Lab
Fall 2016-Spring 2017
- Cybersecurity Health Researcher
Spring 2017-Fall 2017
- Web Development Contractor
- Stratuscube
- Bowls for Good (volunteer) (bowlsforgood.org)
- Nathaniel Hood (natehoodnyc.com)
- Danielle Muscato (resistpodcast.com)

Key Skills

Virtualization:

Docker
Shipyard
KVM
HyperV
ESXI

Python:

Jinja2
Tornado
UVloop
Anaconda Suite
NLTK/SpaCy
Numpy
Theano/Keras

Java:

Android Studio
Processing

C#/.NET:

ASP.NET
Xamarin
Unity

Git:

Gitlab (self-hosted and official)
Github
BitBucket

Documents:

Microsoft Office
Google Suite
LaTeX
Markdown

3D:

3DS Max
VRay

Community and Club Involvement

- Florida Polytechnic Media Club: Founder and held president for 2 years
- PolySec (Florida Polytechnic Cyber Security): Software Manager
- Florida Polytechnic SGA Senate: Co-Founder, Vice-President, Cyber Security Representative

Achievements

- Developer's Choice Award (API Reduction): PolyHacks 2016
- 3rd Place Overall (Queue3d): SudoHacks 2016
- 3rd Place Overall (Toastifai): HackRiddle 2016
- Best Use of AWS (Toastifai): HackRiddle 2016
- 1st Place Cyber Offense Challenge: 3rd Annual FCC Conference