Kevin Dennis

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EDUCATION

UNIVERSITY OF SOUTH FLORIDA, *TAMPA, FL*
Bachelor of Science, Computer Science, *expected May 2018*
GPA: 4.0/4.0

PROFESSIONAL EXPERIENCE

LGS Innovations Florham Park, NJ   5/2017 to 8/2017
Cybersecurity Research Intern
- Analyze vulnerabilities for Industrial Control Systems, with a focus on the communications between Programmable Logic Controllers and Human Machine Interfaces
- Develop exploits for each discovered vulnerability using Python
- Decipher undocumented protocols to better understand the inner workings of the PLC using Wireshark

USF Office of Decision Support Tampa, FL   1/2016 to Present
Student Web Assistant
- Design and develop University web applications using PHP and SQL databases; these include Course Inventory and the USF System Course Proposal System
- Manage and assess individual progress
- Translate user requirements into design decisions
- Review code base for security holes, particularly SQL Injection and XSS

USF Office of Orientation Tampa, FL   1/2015 to 1/2016
Orientation Team Leader
- Interact with and ease the transition of first year students from different diverse backgrounds, including international students
- Utilize crisis communication and critical thinking to overcome session problems
- Represent USF as an informed resource on university tradition, campus engagement, and registration

CAMPUS INVOLVEMENT

USF Whitehatters Computer Security Club   6/2016 to Present
- Compete with other USF students in national CTF challenges, with the ultimate goal of competing at DEFCON
- Attend seminars and practical workshops on penetration testing and security practices
- Participate in student lead lectures covering networking topics, such as Wifi security and networking protocols

Skills

- Discover and exploit common security vulnerabilities such as buffer overflows and injection attacks
- Develop a variety of x86 shellcode, including code that passes alphanumeric filters
- Develop web applications using HTML, PHP, CSS, and Javascript/jQuery
- Query databases using SQL and MYSQL Workbench