

Joey Perme

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Professional Experience

- Siemens PLM** January 2017 - Present
Cyber Security Software Engineer
Automated static analysis of commits to help enforce coding standards
Empowered developers by designing best practices around most common issues
Performed penetration tests and analyses of APIs and the deployed codebase
- Hyland Software** May 2017 - December 2017
QA Solution Developer
Helped design web app to save support and installs 90% of previous repetitive point-and-click time
Communicated cross-team needs and design details for groups we supported
Helped educate other teams' leads on solution's use
- The University of Dayton** March 2015 - May 2016
Part-Time Research – UD Interactive Media Lab
Worked on 360° photo stitching using OpenCV and C++
Worked with Blender, Maya, and C++/OpenGL
Presented part of lab's work to ABET accreditation team and touring high school students

Education

- The University of Dayton**
Bachelor of Science in Computer Science May 2016
- Select Courses**
- | | | |
|------------------------|--------------------|-------------------|
| Unix/Linux Programming | Emerging Languages | Operating Systems |
| Evolutionary Computing | Mobile Apps | Automata Theory |
- Pursuing OSCP Certification** Ongoing (Tentative exam: Nov 2017)
(Offensive Security Certified Professional)
"An OSCP has demonstrated their ability to be presented with an unknown network, enumerate the targets within their scope, exploit them, and clearly document their results in a penetration test report."

Select Projects

- Robinhood API Package**
Reverse-engineered the Robinhood app's undocumented API and wrote a Go package to handle login/out, stock pricing information, and purchase orders. Part of a larger grassroots trading platform.
- Multingenium: Multithreaded, Distributed Computing in Go**
Proof-of-concept simple distributed system, written in Go. Associated paper written in \LaTeX , with class presentation.

Achievements & Personal Interests

- Outstanding Service to the Department – The University of Dayton** May 2016
Given to the student who goes above and beyond to help the department and the students.
- Professional Memberships**
Infragard – Northern Ohio Chapter
Association for Computing Machinery
Information Security Summit
- University of Dayton Powerlifting Club**
Favorite lift: Deadlift
- Community Director at Summer Appalachia Program** May 2014 - July 2014
Spent the summer serving with fellow University of Dayton students in Salyersville, KY.
- Eagle Scout – Troop 367** May 2010
Positions held: Senior Patrol Leader, Patrol Leader, Assistant Patrol Leader.