

Joey Perme

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Dayton, OH

Education

The University of Dayton

Master of Science in Computer Science May 2020 (Anticipated)
Bachelor of Science in Computer Science May 2016

Select Courses

Deep Learning	Evolutionary Computing	Artificial Intelligence
Automata Theory	Computer Vision	Emerging Languages

Professional Experience

Siemens PLM January 2017 - April 2018

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

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.