

George Osterweil

SOFTWARE ENGINEER

154 Norfolk St Holliston, MA 01746

☎ 508-488-0981 | ✉ george@georgeosterweil.com | 🏠 www.georgeosterweil.com | 📱 [gosterweil](#) | 🌐 [george-osterweil](#)

Summary

Software Engineer with a strong interest in InfoSec. Experience working collaboratively in writing and maintaining production software for Hofstra University's Computer Science department.

Projects

VI2SQL

HOFSTRA UNIVERSITY C.S. DEPT.

- Ruby Script to automate information gathering on VMWare vSphere VMs, leading to substantially improved inventory data
- Used vSphere web services API to collect properties for all vSphere VMs, process the data and store it in a MySQL database

LDAP Sync

HOFSTRA UNIVERSITY C.S. DEPT.

- Perl scripts to sync data between MySQL and Hofstra's LDAP AD servers
- Scripts write data from LDAP to MySQL and vice-versa

vSphere utils

HOFSTRA UNIVERSITY C.S. DEPT.

- Multiple Ruby scripts to automate cleanup and maintenance of vSphere VMs
- lsvi script uses vSphere API to output vm ownership and other info in csv or Unix-style formats
- hofad script takes input from lsvi and queries AD server to output data like account active status
- vm_batch script takes VMs from hofad and performs batch poweroff, move or delete operations

Work Experience

Facebook/Codepath.org

TECHNICAL PROGRAM MANAGER

Hofstra University

Nov. 2017 - Present

- Mentors Hofstra students in learning cybersecurity skills through practical exercise in web security like XSS, SQL injection and more

Hofstra University Computer Science Dept.

STUDENT TECHNICIAN

Hempstead, NY

Jan. 2017 - Present

- Designed and implemented utilities to automate Hofstra's Big Data Lab and other department infrastructure
- Used Git version control to collaborate on all projects

Skills

Programming Languages Ruby, Python, Java, C/C++, MySQL

Tools/Markup/OSes Git, HTML/CSS, Linux, Windows

Languages English, French

Education

Hofstra University

B.S. IN COMPUTER SCIENCE - CONC. IN NETWORKING AND CYBERSECURITY

Hempstead, NY

Sept 2016 - Expected May 2020

- Current GPA: 4.0
- Fund. of C.S. III
- Computer Architecture
- Data Structures and Algorithms

Facebook/Codepath

CODEPATH CYBERSECURITY COURSE

Hofstra University

Sept - Dec 2017

- Additional course sponsored by Facebook teaching fundamentals of cybersecurity like XSS, SQL Injection etc, and how to prevent such attacks.