

Joseph L. McDonough

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EDUCATION

• Marist College

Bachelor of Science in Computer Science/Software Development; Major in Cybersecurity; Minor in Information Systems & Information

Technology

- GPA: 3.93/4.00 (Fall and Spring 2018-2020 Dean's List)
- Marist Emerging Leaders Certificate Program

Poughkeepsie, NY

Expected May 2022

• Seton Hall Preparatory School

Graduated Summa Cum Laude

- GPA: 4.67/4.00 (Weighted Scale)
- First Honors all three trimester freshman, sophomore, junior, and senior year
- Member of National Honors Society
- 4-year Knight of Setonia (School's community service group)
- Member of the freshman and junior varsity soccer teams

West Orange, NJ

2014-2018

WORK AND VOLUNTEER WORK

• BD

Product Security Engineering Team Intern

- Wrote user guide for KeePass for BD employees. Presented guide and application to a pilot group as well as to the Chief Risk Officer and Chief Information Security Officer
- Wrote scripts using PowerShell to create a KIOSK on BD products as well as verify the changes and revert the registry to prior settings. Created a product security guide to go with it
- Wrote documentation guide on CylancePROTECT including how to implement and install it with best practices
- Worked on scripts to harden the Internet Information Services, verify requirements met, and rollback the changes. Also made a guide for it

Franklin Lakes, NJ

May - August 2019

• InfiniteBlu Pool Service

Retail Store Employee

- Learned and gained experience about pools, their equipment, parts, and water chemistry in order to sell necessary and proper products as well as performing water tests
- Worked on customer acquisition and retention via raffles, flyers, and newsletters

Kenilworth, NJ

June - August 2020

• Camp New Day

Camp Counselor

- Week long camp attended by developmentally delayed adults
- Lived with the developmentally delayed adults and aided them throughout the day with various activities and meals
- Learned how to care for and aid developmentally delayed individuals

Stroudsburg, PA

August 2017

RELEVANT COURSEWORK AND PROJECTS

◦ Software Development and Systems Courses

- * Created from start to finish a program and documentation to simulate pooled testing results for a infection with custom input
- * Created and documented an add-on programming language to the Racket Programming Language
- * Created and documented a database with several tables and custom data using Oracle's SQL Developer to solidify concepts learned
- * Created a text based adventure game as well as designed, developed, debugged, tested, and documented various smaller programs in Python and Java
- * Created a database and website for a lost and found system to report items and for admins to access/modify tables
- * Designed a student planner iPhone app using InVision
- * Learned fundamental concepts of information technologies and systems in a business environment by producing a case study along with system proposal for a music app

◦ Cybersecurity Courses

- * Learned fundamental concepts of cybersecurity through various interactive labs and a case study of Equifax's 2017 data breach
- * Using online forensics labs, gained experience with computer forensics tools to investigate and document data and metadata of different storage device and file types

◦ Business Course

- * Served as Operational Manager of a team designed to create an idea and present a business plan for Sprout Creek Farms

ADDITIONAL INFORMATION

- * Programming Experience in Python, Java, HTML, CSS, PHP, SQL, Racket, PowerShell, and Qiskit
- * Cybersecurity Tool Experience with EnCase, Forensics Toolkit, Wireshark, Paraben's P2 Commander, Paraben's E3, and RSA NetWitness Investigator
- * National Society of Leadership and Success (*Member*)
- * Soccer Club of Springfield Travel Soccer 2008-2016 (*Co-Captain*)

REFERENCES

Available upon request