

Joseph L. McDonough

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EDUCATION

- **Marist College** Poughkeepsie, NY
Bachelor of Science in Computer Science/Software Development; Major in Cybersecurity; Minor in Information Systems & Information Technology
Expected May 2022
 - GPA: 3.932/4.00 (Fall 2018, Spring 2019, Fall 2019, Spring 2020 Dean's List)
 - Marist Emerging Leaders Certificate Program
- **Seton Hall Preparatory School** West Orange, NJ
Graduated Summa Cum Laude
2014-2018
 - GPA: 4.67/4 (Weighted Scale)
 - First Honors all three trimester freshman, sophomore, junior, and senior year.
 - Member of National Honors Society.
 - Recipient of the Class of 1959 scholarship award (\$1000 scholarship award for all 4 years).
 - 4-year Knight of Setonia (School's community service group).
 - Member of the freshman and junior varsity soccer teams.

WORK AND VOLUNTEER WORK

- **BD** Franklin Lakes, NJ
Product Security Engineering Team Intern
May - August 2019
 - 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.
- **InfiniteBlu Pool Service** Kenilworth, NJ
Retail Store Employee
June - August 2020
 - 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
- **Camp New Day** Stroudsburg, PA
Camp Counselor
August 2017
 - 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.

RELEVANT COURSEWORK AND PROJECTS

- **Software Development and Systems Courses**
 - * Created a program to simulate pooled testing results for an infection.
 - * 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 for a lost and found with a website 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.
 - * Created a small add-on language class to the Racket Programming Language
- **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, Oracle SQL Developer, Racket, and PowerShell.
- * Cybersecurity Tool Experience with EnCase, Forensics Toolkit, Wireshark, and Paraben's P2 Commander and E3.
- * National Society of Leadership and Success (*Member*).
- * Soccer Club of Springfield Travel Soccer 2008-2016 (*Co-Captain*).

REFERENCES

Available upon request