

Zachary Perlmutter

IT Professional

Keeping data and company information secure is the highest priority.

| Contact Information

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Cell

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LinkedIn

www.linkedin.com/in/zperl/

| Education

Bachelor's of Science in Computer Science

*Minor in Mathematics

University of Massachusetts Lowell

Lowell, MA

Computer Science GPA: 3.2

Received: **May 2020**

Middlesex Community College

Bedford, MA

| Technical Knowledge

Active Directory

Windows Server 2012

Jira (Issue Tracking System)

Replicon (Time/Task Tracking)

Windows/Linux/macOS

C/C++

IDA Pro

Immunity Debugger

MS Office

SQL

Python

Java

| Experience

IT Helpdesk Intern

June 2019 – Present

Astronics Test Systems Diagnosys

Westford, MA

Responsible for:

- Maintaining servers, domain, and AD for users
- Managing timesheets and project tasks for 90+ users
- Diagnosing hardware/software issues measured by Jira
- Maintaining database for CPU and user accountability
- Managing user permissions and VPN access

Chief Technical Officer

Oct. 2019 – Present

Playlist, Inc. (Co-Founder)

Lowell, MA

Accomplishments/Responsibilities:

- Creating a health startup out of UMass Lowell
- Designing a mobile app with fellow students
- In charge of the app design and development
- Creating a business plan and managing tasks for team

Server

Dec. 2015 – Present

Red Heat Tavern

Bedford, MA

- Providing excellent service to guests and families
- Developing strong communication from table waiting
- Demonstrating time management by servicing guests

| Honors and Awards

Dean's List:

- 2020 Spring
- 2019 Fall
- 2019 Spring

| Projects

Buffer Overflow Exploit

Apr. 2020

- Filled up the buffer and ebp register with junk bytes to redirect the eip register
- Goal accomplished was to have the program point to shellcode while executing

Password Cracking

Sept. 2019

- Launched an online and offline password attack to crack 5 user passwords
- Wrote an offline dictionary attack in Python and successfully cracked 2/5 passwords
- A third password was cracked using a brute force attack using John the Ripper