Jacob Estephan
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EDUCATION
Temple University – Fox School of Business, Philadelphia, PA
Bachelor of Business Administration   Graduation: May 2024
Major: Management Information Systems | **GPA:** 3.0
Selected Courses: Digital Systems, Introduction to Risk Management and Insurance, Marketing Management, Microeconomic Principles

Drexel University – College of Computing and Informatics, Philadelphia, PA
Bachelor Computing & Security Technology   Transferred: April 2022
Major: *Computing & Security Technology* | **GPA:** 3.0
Selected Courses: Computing and Informatics Design (I, II, III), Introduction to Information Systems, Systems Analysis I, Server I, Introduction to Data Science, Database Management Systems,

Community College of Philadelphia – Applied Science, Philadelphia, PA
Associate in Applied Science   Transferred: May 2020
Major: Applied Science | **GPA:** 3.39
Selected Courses: Network Technology, JavaScript I, Introduction to Cybersecurity, Principles of Operating System, Computer and Network Security, Ethical Hacking & Penetration Testing, Fundamentals of Linux & Unix, Network Administration, Open Server I

ACTIVITIES
Member, Association for Management Information Systems   February 2023 – Present

PROJECTS
Penetration Testing Project, *Ethical Hacking & Penetration Testing*   April 2020
- Objective of penetrating and installing a backdoor on a (Windows XP) created in a virtual network and retrieving a flag (passwordlist.txt) through a three steps operation:
    - Gathering information about the target machine using NMAP was phase 1.
    - In phase two we performed reconnaissance listing the target's vulnerabilities in which we decided on using SMB Protocol to exploit.
    - In phase three, and using Armitage (a tool on Kali Linux) that provides SMB exploit script we were able to access the target machine and retrieve the required file

CO-OP Project, *Installing FastX Server Across UPENN's Cluster Systems*/January - March 2022
- FastX is a remote Linux desktop, and my responsibility was to install this server on all our remote Linux desktops throughout the university.
- Utukuzubg iptables to append rules to the organization's firewall allowing FastX traffic to reach target systems.

CO-OP Project, Data Integrity   *September* - October 2021
- Removed 40 hard drives from systems used by graduate students who are no longer part of the University and marked the hard drives for destruction.

CO-OP Project, Data Integrity   *November – December* 2021
- Debugged and fixed a python software that uses "argparse" to lookup email addresses withing the campus network. The software wasn't working properly and would take any email alias, and my job was to append UPenn's domain name to the alias, then lookup the email in the university's directory and to print out Name, Department, and Group information. The tool is heavily used by the College of Engineering IT director and fixing it added great value to the organization.

EXPERIENCE
TripleNERDscore, Pittsburgh, PA   July 2020 – October 2021
Web Developer, *Web Development Team*
- Working on existing web and application processes of various spheres.
- Creating new scoped projects from scratch and work with other developers on the team.
  - Using Laravel Blade, Wordpress, Expression Engine.
- Managed the company's servers through Laravel Forge and Cloud9.
- Sites I've built: www.heycheckit.com, www.drclutter.net, www.windowstogonj.com, www.wearelcc.org, www.triplenerdscore.net, www.joeritchiegeneralcontractor.net, www.stevenohmrealty.com

UPENN, Philadelphia, PA   September 2021 – March 2022
Linux Assistant System Administrator *(Drexel CO_OP Program)*
- Maintained lab systems.
- Collaborated with my colleagues on solving systems problems.
- Worked on implementing innovative solutions to ensure a smooth operation of the college systems.
- Installed OpenSUSE OS on new desktops and connecting them to UPENN's network using Ansible.
- Responding to student and faculty tickets about system problems and research a solution then implementing the results.

SKILLS
Software: Microsoft Word, Excel, PowerPoint, Windows Server 2012, Ansible, Salesforce, GitHub, Digital Ocean, Laravel Forge, Google Analytics
Web Development: HTML, WordPress, JavaScript, CSS, Laravel Blade, Python, Yamal,
Languages: Fluent in Arabic
Certifications: JavaScript Google Analytics Course Certificate