**Nicholas Swink** nicholas.swink@temple.edu

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**EDUCATION**

**TEMPLE UNIVERSITY**, Fox School of Business Philadelphia, PA

Expected Graduation: May 2021

Major: Management Information Systems

MIS GPA: 3.50 Cumulative GPA: 3.03

**PROFESSIONAL EXPERIENCE**

**InstaHub** Philadelphia, PA

**Software Engineering Intern** May 2020 – August 2020

* Collaborated with 3 team members to follow an Agile workflow in order to develop a full-stack IoT application including sensors, databases, and a visual dashboard
* Researched and implemented a system architecture to tunnel data from IoT sensors to our front-end application with AWS
* Designed a database and deployed it to the Cloud along with creating functions to utilize its data

**ADDITIONAL EXPERIENCE**

**TryHackMe.com** Philadelphia, PA

**Self-Taught Penetration Testing** May 2020 – Present

* Acquired knowledge on Linux fundamentals including navigation challenges and privilege escalation
* Sharpened skills in network mapping and basic vulnerability scans
* Adopted web application penetration testing tools, such as Burp Suite on virtual boxes
* Exposure and usage of exploits contained in the Metasploit framework

**Temple University**  Philadelphia, PA

**WebApp Server**  January 2020 – May 2020

* Developed a web handler with Nodejs for incoming front-end requests
* Created a virtual private cloud with public and private subnets
* Utilized autoscaling to optimize processing usage and load balancing to optimize traffic on instances

**ACTIVITIES & AWARDS**

**Association for Management Information Systems** January 2019 - Present

* Volunteered at Duckery Elementary School to educate children on mathematics
* Participated in the mentorship program and mentored students that were new MIS majors

**PERSONAL INFORMATION**

Operating Skills: Windows, Linux/Unix, MacOS, Android, iOS

Analysis: Excel, MySQL, NoSQL

Web Development Skills: HTML, CSS, JavaScript, React JS, Nodejs, Python, AWS

Project Management Skills: Scrum, Agile workflow, Asana, Git

Hardware Skills: Computer assembly, hardware troubleshooting

Other Interests: Fitness & nutrition, barbering, water sports, gaming