Samuel Itman

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Experience

2022 — **Cyber Program Analyst: Cybersecurity and Infrastructure Security Agency - DHS**
As part of a dedicated DevOps team, contributed to the development of a large threat intelligence platform. Performed extensive API development to deliver real-time results and analytics. Integrated substantial user interface additions and improvements. Leveraged tools such as Docker, Mongo, Postman, Python, Vue-JS, and other proprietary software.

2021 — **Software Engineer Intern: Optum – UnitedHealth Group**
Designed, developed, tested, deployed, and presented 3 ReactJS web apps for the company. Utilized tools such as Docker, Jest, Sonar, Twistlock, AWS Elastic Container Repo, AWS Elastic Kubernetes Service, Helm, and Jenkins for automation. Integrated Single Sign-On, Role-Based Access, API queries using GraphQL, and a backend database on AWS Relational Database Service for data handling and storage.

2020 — **Technology Intern: KIPP-NJ Newark Branch**
Set up, configured, tested, and troubleshot hardware at multiple sites. Resolved network and connectivity issues. Enrolled new computers for enterprise management, deployed devices for distribution. Inspected, factory reset, configured, and re-enrolled decommissioned devices. Opened vendor repair tickets and distributed outgoing repairs. Performed on-site tech audits and asset management. Hardware management including MDF switches and cabling.

Education

2019-Present — **New Jersey Institute of Technology, Newark NJ**
National Science Foundation CyberCorps SFS Scholar
- BS – IT | Minor - Business | 4.0 GPA | Graduation: 12/2022
- MS – IT Administration & Security | Graduation: 5/2024

Relevant coursework: Computer Systems Security, Ethical Hacking, Systems Integration, System Administration, Internet Applications, Computer Programming, Database Management

Skills

Industry Knowledge: Windows, Linux, Google Cloud Platform, AWS EC2/ECR/EKS/RDS, GitHub, Metasploit, RabbitMQ, Postman, Jenkins, Docker, Kubernetes, MySQL, Mongo
Computer Programming: Python, Java, PHP, SQL, HTML, CSS, JS, ReactJS, VueJS, C#, Git
Languages: Russian & Spanish

Activities

2021-2022 — **NJIT Experience Day**
Presented at university panels for incoming students to offer advice and insight into a successful academic career, provided mentorship for new students.

2019-Present — **Association for Computing Machinery (ACM)**
Member of the NJIT chapter of ACM; special interest group for computing related fields.

2016-2019 — **STEM Club of Indian Hills**
Co-founder; coordinated group meetings and STEM related activities.

2010-2019 — **Club Team & High School Competitive Swimming**
Elected by team members as captain of club & high school swim teams. Organized activities and events. Competed across northeast USA and earned multiple team records.