

Samuel Itman

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Experience

- 2023 **Information Technology: US Space Force**
Worked alongside civilian and uniformed IT specialists in the Space Force's Chief Technology and Innovation Office (CTIO) to solve problems facing the space force in its development of a digital service and space power. Supported CTIO's Infrastructure and Digital Transformation directorate to develop modern, digital solutions for issues that directly impacted Space Force's CTIO.
- 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.

Education

- 2019-Present **New Jersey Institute of Technology, Newark NJ**
National Science Foundation CyberCorps SFS Scholar
- MS – IT Administration & Security | Graduation: 12/2023
 - BS – IT | Minor - Business | Graduation: 12/2022
 - ❖ Honors: Valedictorian, Summa cum laude (4.0 GPA), Presidential Medal
- Relevant coursework: Computer Systems Security, Ethical Hacking, Systems Integration, System Administration, Internet Applications, Computer Programming, Database Management

Skills

Industry Knowledge: Windows, Linux, Google Cloud, AWS EC2/ECR/EKS/RDS/S3/Amplify, GitHub, RabbitMQ, Postman, Jenkins, Docker, Kubernetes, MySQL, MongoDB
Computer Programming: Python, Java, PHP, SQL, HTML, CSS, JS (Node/React/Vue), C#, Git
Languages: Russian & Spanish

Activities

- 2023 **Developer for JerseyCTF III**
Developed 4 web-based hacking challenges centered on exploiting bad web-development practices. Attempted by over 1500 users and 800 teams from around the world.
- 2021-2022 **NJIT Student Panelist**
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.