

Isaiah Genis

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EXPERIENCE

Macmillan Learning

Senior InfoSec & Privacy Analyst/Engineer —September 2018 to present

- Oversee technical security implementation across all systems.
- Develop code analysis pipeline for Jenkins using Groovy.
- Develop Automation using AWS lambda to collect information based on AWS security alerts, automate ticket creation in JIRA, and send slack notifications for issues.
- Develop selenium scripts for dynamic application scanning using Veracode & OWASP Zap
- Create Python scripts to review dependencies for vulnerabilities & security keys for compliance.
- Perform code & architecture reviews and develop remediation strategies for vulnerabilities.
- Create System Security Plans(SSPs), critical controls and policies
- Review systems for compliance with key controls and develop remediation strategies

Fortune 500 PR Company

Technology Consultant (Part-time Contract)—October 2019 to February 2020

- Work with product owner to manage project, design technical plan and architecture.
- Develop database for data retention and analytics.
- Work with two technical team members to implement data analytics site and ETL.

Booz Allen Hamilton

Cross-Functional Team Lead/SCRUM Master —May 2017 to August 2018

- Led effort to integrate DevOps & Best Practices into development teams.
- Led effort to set testing standards and increase code coverage by 45%.
- Led effort to remove 2,000+ SonarQube Reported Issues & HP Fortify Scan issues.
- Acted as Database Administrator for PostgreSQL AWS RDS.
- Used python to automate processes.
- Managed and Merged GIT Merge Requests.
- Coordinated patching and upgrades of software.
- Configured and Managed HP Fortify Suite of Applications.

Staff Technologist/Software Engineer-Mid —January 2018 to August 2018

- Served as Deputy Tech Lead and Mid-Level Developer while continuing development responsibilities.
- Acted as Authentication, Alerting & Orchestration Integration Lead.
- Focused on design, development and testing of middle/back-end for access control, alerting, and data retrieval.
- Led full SDLC of features and performed research and prototyping for future implementation in platform, such as a custom spring security plugin, and switching from SQL to NoSQL Databases.
- Developed Jenkins pipelines and debug deployments.

Software Engineer/Technology Consultant —July 2016 to January 2018

- Provided technology insights, market research, use cases and prototypes for Blockchain Technologies.
- Drafted whitepapers, internal strategy & presentations on Blockchains: Distributed ledger Technologies and Agile DevOps.
- Served as developer on a scrum team on a ground up SAFe development and data analytics platform.
- Utilized technologies including Java, Maven, Docker, ElasticSearch, PostgreSQL, Hibernate, AWS, GIT, DC/OS, Swagger, Tomcat and Jersey to perform and deliver analytics, web services, and APIs.
- Performed and Managed Integration with internal and third party APIs.
- Performed data analysis for the United States Patent and Trademark Office

Law Firm of Sonin & Genis

IT & Data Storage Analyst (Part-Time) — January 2010 to July 2016

- Worked to create domain, website, and migrate company to google for work
- Coordinated with a third-party vendor for received document processing and digital sorting.
- Provided desktop support for Windows XP, Windows 8 and mobile support for iOS.

SKILLS

AWS
Cybersecurity
Python
Docker
Object Oriented Programming (Java)
Git
Jenkins
JIRA
Agile/Scrum/SAFe
Exposure to JS & C++
REST Services
SQL

AWARDS

Booz Allen Hamilton Cross-Functional Ninja Award

Booz Allen Hamilton Passionate Service Award

Winner 2017 Booz Allen Hamilton Blockchain Garage Challenge.

CERTIFICATIONS

Amazon Web Services (AWS)

- *Solutions Architect - Associate*
- *Certified Cloud Practitioner*

Cloud Security Alliance

Certificate of Cloud Security Knowledge (CCSKv4)

HackerRank

- *Python(Basic)*
- *Problem Solving(Basic)*

Scrum Alliance

Certified SCRUM Master

EDUCATION

New York University Tandon School of Engineering
Certificate 2016

New York University College of Arts & Sciences

Bachelor's 2015
Majors in Mathematics & Economics.
Minor in Computer Science