Isaiah Genis

Technology & Security Consultant

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EXPERIENCE

Macmillan Learning, New York, NY - *Senior InfoSec & Privacy Analyst/Engineer*

September 2018 - PRESENT

- Oversee technical security implementation across all Macmillan Learning systems.
- Develop code analysis pipeline for Jenkins using Groovy.
- Develop selenium scripts for dynamic application scanning using Veracode.
- Create Python scripts to review dependencies for vulnerabilities & security keys for compliance
- Perform code & architecture reviews and develop remediation strategies for vulnerabilities.
- Perform dynamic analysis using OWASP Zap
- Create System Security Plans(SSPs), critical controls list and the Key & Secrets Management Policy
- Review systems for compliance with key controls and develop remediation strategies
- Deploy OWASP Security Shepherd & train developers on secure coding practices

Encrypted Insights, New York, NY - *Chief Technical Advisor*

September 2017 - PRESENT

- Provide technical and implementation insights for a encryption start-up.
- Develop javascript plugin for Chrome to perform client-side encryption/decryption

Booz Allen Hamilton, Alexandria, VA - *Functional Team Lead/SCRUM Master*

May 2017 - August 2018

- Lead effort to integrate DevOPS & Best Practices into development teams.
- Lead effort to set testing standards and increase code coverage by 45% over 5 Months on growing code base of approx. 75k+ lines.
- Lead effort to remove 2,000+ SonarQube Reported Issues & HP Fortify Security Scan issues.
- Database Administrator for PostgreSQL AWS RDS on all unclassified environments.
- Use python to automate processes such as secrets creation and database migration
- Manage and Merge GIT Merge Requests
- Coordinate patching and upgrades of software.
- Configure and Manage HP Fortify Suite of Applications

Booz Allen Hamilton, Alexandria, VA - *Staff Technologist/Software Engineer-Mid*

January 2018 - August 2018

- Deputy tech lead and mid-level developer utilizing technologies including Java, Maven, Docker, PostgreSQL, Hibernate, AWS, GIT, DC/OS, Tomcat, Geoserver, Jersey, and many other open-source projects to build a distributed service based analytics platform. Focused on design, development & testing of middle/back-end for access control, alerting, and data retrieval.
- Lead full SDLC of Features. Perform research and prototyping for future implementation in platform, such as a custom spring security plugin for geoserver, and switching from SQL to NoSQL Databases.
- Develop Jenkins pipelines and debug deployments
- Authentication, Alerting & Orchestration Integration Lead.
- Recipient of Cross-Functional Ninja Award & Passionate Service Award

Booz Allen Hamilton, Washington, DC - *Software Engineer/Technology Consultant*

July 2016 - January 2018

- Winner 2017 Booz Allen Garage Blockchain Challenge
- Provided technology insights, market research, use cases and prototypes for Blockchain Technologies for clients, whitepapers and internal strategy.
- Developed presentations on Blockchains: Distributed ledger Technologies, as well as, Agile DevOps for an internal presentation and thought leadership.
- Developer on a scrum team on a ground up SAFe software development and data analytics platform utilizing Dockerized Microservices.
- 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.
- Perform and Manage Integration with internal and third party APIs.
- Performed Data Analysis for the United States Patent and Trademark Office.

Law Firm of Sonin & Genis Bronx, NY - *IT & Data Storage Analyst*

January 2010 - July 2016

- Worked with third party vendor to create a single domain (soningenis.com) for the office and redesign website.
- Moved the office from a series of ad-hoc e-mail addresses and productivity suites to cloud-based technologies to allow staff to use a single suite of office production products and collaboration tools.
- 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. Supported remote connectivity through Windows Remote Desktop and LogMeIn.

Itemize, New York, NY - *Data/Business Analyst Intern*

May 2014 - October 2014

- Conducted exception processing and quality assurance on data pulled from SQL database.
- Used Excel to develop merchant aggregation and keywords to reduce extraneous and duplicate merchants.
- Collaboratively developed user profiles for marketing and user stories for scrum development.

Kaplan Inc, New York, NY *- Information Security & New Media Analyst Intern*

December 2009 - March 2010

- Created the company's first application book of record to inventory all applications housed at the corporate office and company subsidiaries.
- Provide support to several IT and IT security related projects

EDUCATION

New York University Tandon School of Engineering, Brooklyn, NY *- Certificate*

August 2016

Preparatory course for graduate studies in Computer Science & Engineering

New York University College of Arts & Sciences, New York, NY *- Bachelor's*

January 2016

Mathematics & Economics Bachelors. Computer Science Minor.

CERTIFICATIONS

Amazon Web Services (AWS) *- Solutions Architect - Associate*

December 2018 - December 2020

Amazon Web Services (AWS) *- Certified Cloud Practitioner*

December 2018 - December 2020

Scrum Alliance *- Certified SCRUM Master*

January 2017 - January 2019

AWARDS

Recipient of Booz Allen Hamilton Cross-Functional Ninja Award & Passionate Service Award; Winner 2017 Blockchain Garage Challenge.