

# Oscar Yates

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## SUMMARY

Dynamic AI Automation Engineer with over 8 years of experience in Automation and Data Engineering. Proven track record in developing high-impact solutions through automation efforts. Skilled at leading projects that integrate AI technologies into security frameworks, enhancing operational efficiency and decision-making. Deriving insights after collaborating with cross-functional teams to design agent infrastructure and build data pipelines which support security programs. Passion for mentoring junior engineers on best practices for data management while ensuring governance across various data workflows.

## EXPERIENCE

### Data Automation Specialist

March 2022 - Present

NextGen Tech Solutions

Los Angeles, CA

Responsible for defining and implementing robust data-driven automation solutions for security operations. This role emphasizes efficient development and maintenance of ETL pipelines that enhance data accessibility. Constantly architect integrations for intelligent agents, streamlining compliance and risk management processes.

- Collaborated extensively with diverse teams to fulfill engineering challenges.
- Developed ETL pipelines that improved data processing capabilities.
- Architected AI agent workflows that enhanced operational efficiencies.
- Provided mentorship on data security and best practices, fostering team growth.

### Senior Automation Engineer

January 2018 - February 2022

TechWave Systems

Austin, TX

Lead a dedicated team in designing agent infrastructures and data pipelines tailored for effective security programs. Instrumental in managing automation workflows, increasing productivity, and minimizing manual tasks. Engaged with security experts to reinforce data integrity and compliance throughout all initiatives.

- Facilitated successful collaboration between experts to address engineering dilemmas.
- Introduced workflow standards that limited redundancy and labour costs.
- Worked closely with cybersecurity concerns to uphold regulatory requirements.
- Conducted sessions focused on practical training of essential automation tools.

### Automation Engineer

June 2015 - December 2017

Innovative Solutions Inc.

New York, NY

Contributed to the development of automation scripts, significantly enhancing operational efficacy across departments. Participated in ambitious data migration projects, ensuring secure and compliant data management. Actively involved in crafting foundational architectures like data lakes that support enterprise objectives.

- Produced comprehensive automation scripts utilizing Python and Go.
- Managed sensitive data transfer processes, prioritizing safety and compliance.
- Collaborated in the creation of seamless workflows supporting larger organizational goals.
- Teamed with IT personnel to identify infrastructure improvements.

## LEADERSHIP & AWARDS

- Recognized as 'Employee of the Year' for exceptional contributions to automated systems enhancement.
- Recipient of the 'Innovation Award' for spearheading integration of machine learning in security protocols.

## EDUCATION

### Bachelor's Degree in Computer Science

2015

University of Washington GPA: 3.7

Seattle, WA

**Coursework:** Data Structure, Algorithms, Database Management, Networking Fundamentals

## CERTIFICATIONS

- Certified Information Systems Security Professional (CISSP) 📅 2020
- AWS Certified Solutions Architect 📅 2021

## TECHNICAL SKILLS

- **Programming Languages:** Python, Go, C++

- **Cloud Services:** AWS, Databricks
- **Data Processing Frameworks:** Airflow, Terraform, Apache Spark
- **Security Technologies:** Firewalls, Intrusion Detection Systems, Risk Management Tools
- **Automation Tools:** Ansible, Puppet, Jenkins
- **Development Methodologies:** Agile, DevOps
- **Version Control:** Git, GitHub
- **Database Technologies:** SQL, NoSQL, Oracle
- **Monitoring Tools:** Prometheus, Grafana
- **Collaboration Software:** JIRA, Confluence, Trello

## SKILLS

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- Python
- AWS
- Airflow
- Information Security
- Go
- Terraform
- Data Engineering
- C++
- Databricks
- AI Integration

## PROFESSIONAL AFFILIATIONS

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- Member of the Institute of Electrical and Electronics Engineers (IEEE).
- Active participant in the local Cybersecurity Meetup group.

## LANGUAGES

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- English (Native)
- Spanish (Proficient)

## ADDITIONAL INFORMATION

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**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

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AVAILABLE ON REQUEST