Mike Wu
Machine Learning | Data Science
Cybersecurity Red Teaming
AWS DevOps| MLOps

347.946.3708
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New York, NY

Experience

2022/2–2024/6 Cloud Engineer (Cloud Infrastructure and Security) @ TripleLift (New York, NY)
– Designed and maintained cloud infrastructure on AWS, particularly secret management integration & service mesh (Vault, Consul) with self-hosted Hashicorp stack
– Implemented CI/CD pipelines (Kubernetes, Nomad), observability (Grafana, NewRelic) to ensure the reliability and high performance of distributed systems (Kafka, Redpanda)
– Deployed various automation: python3 scripts/Github Actions for MLOps/DevOps, Infra as Code PR Automations (Terraform, Atlantis) streamlining build/deploy processes and reducing operational overhead
– In-depth AWS Networking and Security hardening efforts: network topology review, Security Hub / CloudTrail analysis

2016/1–2020/6 Capital Modeling Analyst (Enterprise Risk Management) @ American International Group (AIG) (New York, NY)
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2014/5–2016/1 Risk Analyst (Insurance Service Office) @ Verisk Analytics (Jersey City, NJ)
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2012/9–2014/4 Analyst @ Deloitte Consulting LLC (New York, NY)
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Certifications

AWS-CERTIFIED:	**Machine Learning	Data Analytics	DevOps Professional etc.**
DEVOPS:	Terraform, Vault (Hashicorp)
CYBER:	Global Rank #93 in Offensive Security lab; completed PEN-200; taking OSCP in Sept.2024
MODELING:	Financial Risk Manager (FRM)

Proficient Technologies

DEVELOPMENT:	Flask/Python, FastAPI, Streamlit, Go, C, C++, Java, PHP, Next.js, Svelte, Ruby
ML/MLOPS:	Pytorch, Tensorflow, scikit-learn
CYBERSECURITY:	Kali Linux for Network / Web Application Penetration Testing (PEN-200)

Education

2008–2012 **NYU STERN SCHOOL OF BUSINESS,** MS in Finance.
New York, NY

2005 High-school graduation, with honours
Elsehere Community School. Washington DC, US