Steven Nord

Steven.nord88@gmail.com | (234)352-0366 | Cincinnati, OH | Linkedin.com/in/Steven-Nord
snord883.github.io/devportfolio

PROFESSIONAL SUMMARY

Aspiring Reinforcement Learning Research Scientist with 6+ years of software development experience and a strong foundation in machine learning, reinforcement learning, and leadership. Proven ability to mentor teams, implement innovative solutions, and adapt quickly to new tools and technologies. Willing to relocate to Boston area.

EXPERIENCE

Fifth Third Bank – Cincinnati, OH
Lead Software Developer   1/2022 – 7/2024
- Spearheaded strategic efforts with senior leadership to implement a machine learning-powered customer segmentation model
- Aided executives in analyzing millions of fraud event data to make insightful decisions resulting in savings of 20% savings on vendor invoice
- Guided 3 teams of 3-7 developers on python coding with AWS Lambda functions
- Led squad in debugging issues during deployments to production to ensure 7 applications were operational
- Mentored 3 junior developers, an expansion of role as a contracted developer
- Represented the organization by presenting at developer conference for reinforcement learning
- Continued Senior Software Developer (Contractor) responsibilities

Callibrity – Cincinnati, OH
Senior Software Developer – Contractor (Fifth Third Bank)   8/2018 – 12/2021
- Adapted quickly to launch the first AWS microservice architecture at the bank
- Improved code coverage from 80% to 98+% across squad's applications
- Reduced fraud-related expenses by $750,000 within first year of microservice's initial deployment by profiling +500K daily logins
- Built a design using multiple asynchronous Step Functions to reduce response time of application by 60%
- Performed load balancing to ensure application could handle 99.9999 percentile. Presented the analysis for other teams to implement.

ViaForge – Grove City, OH
Web Developer (Remote/Freelance)   1/2018 – 7/2018
- Built a React.js application of the company's client list to simplify and secure coworkers' ability to track the status of existing and prospective clients.
- Initiated self-learning in organic SEO and Google Ads to improve client experience and increase exposure, which led to reported spikes in client business

Nationwide Mutual Insurance Company – Columbus, OH
Pricing Consultant (Remote)   7/2016 – 12/2017
- Automated a tool to rerate thousands of policies utilizing Visual Basic, Access, and SQL. Saving the department hundreds of hours per state rate reviews and enabled other tools to be built from the output.
Senior Pricing Analyst   7/2014 – 11/2015
- Performed analysis on factors to be presented to Product Managers for making business decisions for auto premium
- Increased volunteer participation by 50% while a member of Mid-Ohio FoodBank Committee

EDUCATION

Georgia Institute of Technology – (Online) - MS in Computer Science (Machine Learning)   1/2022 – 12/2024
Cumulative GPA - 4.00/4.0
Relevant Coursework:
- Reinforcement Learning: Trained deep RL policies to optimize coordinated behavior between multiple simulated characters utilizing PyTorch
- Machine Learning: Evaluated and applied diverse machine learning techniques to understand their impact across datasets with varying characteristics.

The University of Akron – Akron, OH - B.S. in Statistics - Actuarial Science   8/2006 – 12/2010
Cumulative GPA – 3.67/4.0

ACHIEVEMENTS & CERTIFICATIONS

Google Cloud Certified Professional Data Engineer   6/2020
Named Vice President of Mid-Ohio FoodBank Committee   1/2015
Passed Actuarial Exams:
- P-1, FM, MFE, C, and ST

PROFESSIONAL SKILLS

Languages/Frameworks:
- Python | Java | Spring | C# | C++ | MATLAB | R | JavaScript | React | VBA | NumPy | Pandas | PyTorch | Scikit-Learn | TensorFlow2 | Keras | ROS2

Cloud:
- AWS | GCP

Databases:
- DB2 | Oracle | Postgres | Hadoop | mySQL | BigTable | Datastore | DynamoDB | Snowflake

Operating Systems:
- OS X | Windows | Linux

Tools/Other:
- Git | Jenkins | Web services (REST & SOAP) | Splunk | Docker | Kafka | CI/CD | TDD | Microservice architecture | Event driven architecture | Excel | Tableau | Apache Nifi

ACTIVITIES & INTERESTS

Hiking | Traveling | Movies/TV Series | Lifting | Basketball | Watching sports | Brew kombucha