

Johnathan A. Doe

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Objective

Experienced software engineer with a strong background in machine learning and data science, seeking a challenging role to drive innovation in predictive analytics and artificial intelligence.

Education

Master of Science in Computer Science

University of Illinois at Urbana-Champaign, Urbana, IL

Graduated: May 2018

GPA: 3.9/4.0

Bachelor of Science in Mathematics

Illinois State University, Normal, IL

Graduated: May 2015

GPA: 3.8/4.0

Skills

- Programming: Python, Java, R, C++
- Data Tools: SQL, Hadoop, Spark, TensorFlow, PyTorch
- Other: Tableau, MATLAB, Git, Docker, Kubernetes

Work Experience

Software Engineer II

InnovateAI Solutions, Chicago, IL

June 2018 – Present

- Designed and implemented machine learning algorithms to improve customer churn prediction accuracy by 25%.

- Developed scalable APIs for predictive analytics services consumed by over 1 million users.
- Automated data pipelines to process and transform 2TB of data daily, reducing manual overhead by 40%.
- Mentored 5 junior engineers and led bi-weekly code review sessions.

Data Analyst Intern

Data Driven Labs, Urbana, IL

May 2017 – August 2017

- Conducted statistical analysis to identify trends in client data, resulting in actionable insights for business strategy.
- Created dashboards in Tableau that reduced reporting time by 30%.
- Collaborated with cross-functional teams to deliver presentations to executive leadership.

Certifications

- Certified Kubernetes Administrator (CKA)
- Microsoft Azure Data Scientist Associate
- AWS Certified Solutions Architect

Publications

- "Improving Natural Language Processing Models through Deep Learning Techniques," Proceedings of the IEEE, 2020.
- "A Comparative Analysis of Feature Selection Methods for Large-Scale Datasets," Journal of Data Science, 2019.

Interests

- Competitive programming (TopCoder and Codeforces participant)
- Open-source contributor to TensorFlow and PyTorch
- Volunteer STEM mentor for underrepresented youth