Ansh Sikka

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EDUCATION

09/2017 – 05/2020 MINNEAPOLIS, USA

B.S. Computer Science
University of Minnesota

Cummulative GPA: 3.7/4.0

Relevant Coursework: Graduate-Level Software Engineering Course, Big Data Architecture (Spark, Hadoop, NoSQL), Artificial Intelligence, Database Fundamentals, Data Science/Machine Learning, Undergraduate CS TA

WORK EXPERIENCE

09/2020 – PRESENT HOUSTON, USA

Data Engineer/Analyst
ExxonMobil

- Streamlined company-wide cybersecurity monitoring using Apache NiFi and reduced data processing time from 3 minutes to 1 minute
- Used advanced SQL to perform analysis on extended quantities of quantitative and qualitative data

05/2019 – 08/2019 HOUSTON, USA

Software Engineering Intern (Azure Cloud)
ExxonMobilfffff

- Replatformed internal cloud adoption platform in an agile work environment to Microsoft Azure: Utilized blob storage, SQL, KeyVault, SendGrid, and search service. Full Stack Web Development: Handlebars.js for frontend and Node.js for backend.
- Customized open source CMS to adapt to new website format and UX.
- Made the entire cloud adoption web platform content editable: No developer needed to make website changes.
- Teaching assistant to over 100 other interns and employees helping them get started with Azure.

Contact: Tyler Nix – tyler.j.nix@exxonmobil.com

06/2018 – 09/2019 CHICAGO, USA

AI and Machine Learning Intern
Quinnox

- Built a machine learning-based recommendation system with a 90% accuracy rate that provides a ranked list of top companies and leads to contact for Quinnox's demand generation team
- Used data mining and web scraping libraries such as BeautifulSoup and mechanical soup to retrieve large amounts of useful company, employee, and job data from different sources such as RainKing and LinkedIn to train an ML model and use it to get a list of top companies for contact/sales
- Reduced two months of work from the demand generation team to 8-10 minutes by implementing efficient automation algorithms
- Used big-data oriented libraries such as NumPy and SciKit Learn for the machine learning process
- Given training on machine learning and basic deep learning algorithms/libraries such as PyTorch and Tensorflow

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

Python	
JAVA	
HTML/CSS/JavaScript	
SQL	
C/C++	
Bash	

TECHNOLOGIES

Apache NiFi	**Professional**
Azure Cloud	**Professional**
Apache Hadoop	**Limited**
Apache Spark	**Limited**
Snowflake	**Limited**

PERSONAL PROJECTS

SkillFlyer: A Crowd-Sourced Learning Platform (http://skillflyer.com)

- Takes YouTube videos and ranks them through crowdsourcing by a variety of educational topics and subtopics
- Uses MongoDB as the data backend, NodeJS as the serving backend, and ReactJS as the frontend
- Worked with various Node libraries like Express, Passport, and Mongoose

University of Minnesota Hackathon (MinneHack): CornadoAI

- Developed an iOS app using Swift to detect disease in corn within seconds
- Utilized data mining, deep learning from scikit-learn, and Swift/Xcode to develop app
- Top 5 at the MLH hackathon competing with 20+ teams

Portfolio Website (https://anshsikka.com)

- Utilized Node.js and React.js to build an interactive web app portfolio website
- Deployed on cloud using GitHub pages

AWARDS

Deans List
University of Minnesota

https://cse.umn.edu/college/deans-list
Spring 2019 GPA: 3.91
Fall 2019 GPA: 3.81
Spring 2020 GPA: 3.91

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