ANSH SIKKA

CONTACT

✉ sikka008@umn.edu

☎ 630-765-2192

📍 Greateer Houston Area

🏠 anshsikka.com

○ @anshikka

in Ansh Sikka

SKILLS

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

Technologies
Apache NiFi
Azure Cloud
PowerBI
Apache Spark
SAP HANA
Snowflake

CERTIFICATES

Advanced SQL for Data Scientists
LinkedIn Learning
Apache Spark Essential Training
LinkedIn Learning
Kafka Essential Training
LinkedIn Learning

AWARDS

Dean's List (2018-2020)

🎓 EDUCATION

📅 Aug 2017-May 2020
📍 University of Minnesota-Twin Cities
  Minneapolis, USA

B.S. Computer Science

Cumulative GPA: 3.7/4.0
Relevant Coursework: Graduate-Level Software Engineering Course, Big Data Architecture, Artificial Intelligence, Database Fundamentals, Data Science/Machine Learning
Undergraduate CS TA

⚙ WORK HISTORY

📅 Sep 2020 - Present
📍 ExxonMobil
  Houston, USA

Data Engineer/Analyst

-Streamlined company-wide cybersecurity monitoring using Apache NiFi and reduced data processing time from 3 minutes to 1 minute
-Used HANA SQL to develop Manual Data Input Systems and validations for upper management

📅 May 2019-Aug 2019
📍 ExxonMobil
  Houston, USA

Software Engineering Intern

-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.

📅 May 2019-Aug 2019
📍 Quinnox
  Chicago, USA

AI/ML Intern

-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

GENERAL SKILLS

Web Architecture	Basic Cybersecurity Best Practices
API Design and Development	Basic Data Architecture Design
ER Database Design	

PERSONAL PROJECTS

SkillFlyer: A Crowd-Sourced Learning Platform
-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
COVID-19 Analysis Using Spark
-Utilized Databricks to do a analysis on John Hopkins COVID-19 data using Apache Spark
-Performed basic data cleaning, engineering, and visualizations
Portfolio Website
-Utilized Node.js and React.js to build an interactive web app portfolio website
-Deployed on cloud using GitHub pages