

ANISH SINGLA

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W <https://anishsingla.me/>

EXPERIENCE

Data Engineer/Analytics Engineer | Canadian Football League

May 2022 – August 2023

- Experienced Data Engineer with advanced knowledge in building efficient ETL data pipelines using Python, Snowflake, and AWS.
- Proficient in setting up continuous data pipelines through Snowflake tasks and streams, ensuring real-time data processing and integration.
- Skilled in automating deployment processes with Terraform, ensuring consistent and scalable infrastructure for data warehousing. Also, adept at automating data workflows with AWS Lambda, managing resources with CloudWatch, and coordinating complex tasks with AWS Step Functions.
- Implemented error handling, logging, and optimization strategies for robust pipelines as well as integrated data quality tests, unit testing, and schema testing within these pipelines to ensure data quality.
- Collaborative team player, actively contributing to code reviews and PRs.
- Developed multi-classification data science model utilizing Pandas, Scikit-learn, and NumPy to predict and categorize fan behavioral segments using first-party data.

President | The Data Science and Statistics Society

June 2020 – May 2022

- Employed Agile methodologies and daily stand-up meetings for efficient task coordination. Utilizing Jira for project tracking, enhancing transparency and enabling successful event completion.
- Collaborated with a cross-functional team to create a dynamic website using Angular and Node.js

PROJECTS

Chess AI with various difficulties

May 2021

- Created a Chess AI featuring adjustable difficulties, utilizing the Limited Depth Minimax algorithm with Alpha Beta Pruning for optimized decision-making.
- Developed using chess.js and chessboard.js, the project was displayed through a user-friendly web interface using HTML, CSS, and jQuery.

Portfolio Website | anishsingla.me

April 2021

- Designed and developed a responsive portfolio website using HTML, CSS, JavaScript, and React, which showcases my projects and skills.

Discord Bot

May 2019 - April 2021

- Developed and deployed an efficient Discord bot using Discord.js, JavaScript, Node.js, Firebase, and various REST APIs, hosted on Heroku.
- The bot automates day-to-day tasks and provides utility functions.

For more projects visit my Github!

<https://github.com/anisin22>

EDUCATION

University of Toronto

Honors BSc

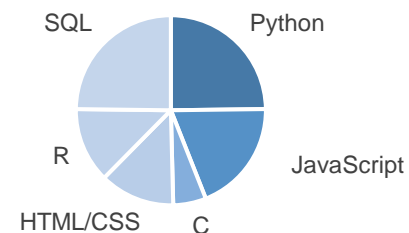
September 2019 – April 2024

Major in Mathematics – Computer Science with a minor in Statistics

PROJECT HIGHLIGHTS

- Multi-classification Model - Python
- Realtime Chat Room - JS
- Web scraper for IMBD - Python
- Google Maps Clone - JS
- Basic Poker Game - Python
- OBV Stock Analysis - Python

PROGRAMMING LANGUAGES



SKILLS/TOOLS

- AWS: Lambda, CloudWatch, S3, EventBridge, Step functions, SNS
- Snowflake
- ETL Data Pipelines
- Terraform
- Node.js
- Dbt
- Tableau
- Git/Github
- Object Oriented Programming
- REST APIs
- Postgresql
- Pandas/Numpy