

Abdullah Basulaib

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Work Experience

Quant Data and Analytics

Riyadh, Saudi Arabia

Data Specialist

Feb 2021 — Present

- **Collected, extracted** and **parsed** data from various data sources
- **Performed** data validation and reconciliation to ensure data quality and integrity
- **Assisted** with restructuring data architecture
- **Ensured** scripts and workflows are up to date with new data sources changes
- **Key achievements:** Updated data and map within two months of joining.

Projects

Soccer Twitter Sentiment Analyzer

[/SoccerTwitter-Sentiment](#)

Python, Pandas, Numpy, Twitter API

- Analyzes fan sentiment on Twitter for soccer teams during games to predict fan cheering moments, highlight moments, favorite players and controversial moments
- **Lead** and **designed** data flow and data format throughout the project to help the team work smoothly
- **Handled** real-time data streaming from Twitter API using Python with additional data cleaning to store as CSV sheets
- **Identified** the limitations of the Twitter real-time API and communicated with the team to suggest solutions

ANTLR4 Compiler

[/ANTLR4Compiler](#)

ANTLR4, Java, MIT Alloy Analyzer

- ANTLR4-based compiler that compiles user-defined regular language to predicate logic that Alloy uses to prove correctness
- **Lead** team & communication by proposing plans, managing deadlines, assigning tasks and ensuring team members are motivated and comfortable
- **Lead** language design by proposing a simple and efficient regular language to simplify user interaction and processing work

Tekken 7 Data Index (WIP)

[/TekkenProject](#)

Flask, Javascript, MySQL

- Online hub for all the information in the fighting game Tekken 7
- Present data (characters, input, frames, etc) in a friendly easy-to-read form, even to unfamiliar users by using button visuals and simplified inputs
- Provide users a customizable input notes list of their favourite characters, combos, matchups and maps
- Quick & easy search and comparison between characters, their inputs, matchups and counters

LoL Virtual Sandbox (WIP)

Flask, Javascript, MySQL

- Online sandbox for items, runes, stats, champions to experiment with, combine different things and more
- Uses Riot Games API to pull data for users & in-game information to accurately present up-to-date information
- Compare and contrast best-in-situation items and runes very quickly to provide an advantage
- Recommends the user the most popular builds and runes, and can export them as item sets in JSON format

Education

York University — Lassonde School of Engineering

Toronto, ON

Honours Bachelor of Science in Computer Science

Sep 2017 — May 2020

Databases, Data Mining, Big Data Systems, Software Design, Algorithm Design and Analysis, Operating Systems, Data Structures, Object-Oriented Programming

Skills

DevOps Git, Linux, Docker, AWS, Alteryx

Frameworks Flask

Programming Python, Java, HTML, CSS, JavaScript, SQL

Scholarship

King Abdullah Scholarship Program

Sep 2014 — May 2020

Saudi Arabian Cultural Bureau