

# Abdullah Basulaib

Toronto, ON

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## Education

### York University — Lassonde School of Engineering

Toronto, ON

Hons. B.S.c in Computer Science

Sept 2017 — Apr 2020

- Databases
- Data Mining
- Big Data Systems
- Compilers & Interpreters
- Software Design

## Skills

**DevOps** Git, Unix, Docker

**Frameworks** Flask, Django

**Programming** Python, Java, C, HTML, CSS, Javascript, SQL, Bash

**Languages** English, Arabic

## Projects

### Tekken 7 Data Index

🔗/TekkenProject

Flask, Javascript, MySQL

- Present data (input, frames, etc) in a more readable form, even to unfamiliar users
- Provide users a customizable input notes list of their favourite characters
- Quick & easy search and comparison between characters

### LoL Virtual Sandbox

🔗/LoLSandbox

Django, Javascript, MySQL

- Online sandbox for items, runes, stats, champions
- Uses Riot Games API to pull data for users & in-game information
- Compare best-in-situation builds quickly
- Data mining algorithms to predict & recommend to the user

### Soccer & Twitter Sentiment Analyzer

🔗/SoccerTwitter-Sentiment

Python, Pandas, Numpy, Twitter API

- Analyzes fan sentiment on Twitter for soccer teams during games
- Outputs a graph that can be used to predict sentiment for the game
- Handled the data coming from Twitter in real-time
- Designed data flow & CSV format

### ANTLR4 Compiler

🔗/ANTLR4Compiler

ANTLR4, Java, Alloy

- Compiles user-defined regular language to Alloy Analyzer
- Uses Alloy to prove the compiler works correctly
- Designed tests & classes
- Lead team discussions & flow

## Scholarship

### King Abdullah Scholarship Program

Sept 2013 — Apr 2020

Saudi Arabian Cultural Bureau

## Activities

### Open Doors Toronto

Toronto, ON

Volunteer

May 2019

- Lead tours in the Bergeron Centre for Engineering Excellence during Open Doors Toronto public event.

### University of Toronto — University College Frosh

Toronto, ON

Frosh Leader

Sept 2016

- Organized frosh and helped first year students settle.