

Bilal Tola

Irving, TX 75038

bilaltola12@gmail.com

(972)-363-3944

<https://bilaltola12.github.io/BilalTola/>

EDUCATION:

University of Texas at Dallas, Richardson TX

B.S in Computer Science, Graduating— May 2021 GPA: 3.595/4.0

COMPUTER SKILLS:

Programing Languages Java, C/C++, JavaScript, MIPS, CSS, HTTP, Bash, SQL, Python

Operating systems Windows 7/8/10, Ubuntu, Mac OS, UNIX

Other Skills Spring Boot, DGraph, PostgreSQL, Multithreading, MS Office, Visual Studio 2019, Eclipse, IntelliJ, JFLAP, Swing, Parsing data, Process Mining, MySQL, Advanced English

WORK EXPERIENCE:

Software Developer EPSoft Technologies **October 2019 – Present**

- Developed algorithms to generate metrics
- Translated data into a graph database for querying
- Debugged software for bugs and maintenance
- Used PostgreSQL to store metrics and input data for calculations
- Mentored new intern with getting started with coding and standards
- Managed the infrastructure by communicating with offshore team in India
- Brainstormed new ideas and functional requirements for projects with team
- Used Spring framework to implement many dependencies

PROJECTS:

Chat Bot:

- Find out the weather of any zip code or the currency of any country relative to US dollar.
- Input zip code to get the current weather
- Input country name to get currency value
- Technologies: Java, gson, open weather API, currency layer API

Programmer Calculator:

- Calculator for programmers using inspiration from Windows Programming Calculator
- See hex, decimal, and binary values of your calculations in real time
- Technologies: Java, Swing

Keyword Searcher:

- A program that finds records using keywords
- Technologies: Binary Search Tree algorithm used to traverse random data stored in a file

Personal Website on GitHub:

- Website that lists all my projects, contact, and my resume
- Random facts generator
- Technologies: JavaScript, CSS, HTTP

Shopping Cart:

- A program that makes a shopping cart
- Add and remove items from cart
- Change quantities and print total
- Technologies: C++

ACTIVITIES:

Student Government Senator – May 2019 to January 2020

ACM Member – August 2019 to present

Hackathons – Mhacks 11, HackUTA 2018