

# SHAKIR ABDULLAYEV

[abdullayev.dev](http://abdullayev.dev)

☎ 437-991-8933

✉ [s.abdullayev@mail.utoronto.ca](mailto:s.abdullayev@mail.utoronto.ca)

🌐 [linkedin.com/in/shakir-abd-000](https://www.linkedin.com/in/shakir-abd-000)

🐙 [github.com/gratus00](https://github.com/gratus00)

## Education

### University of Toronto

Sep. 2019 – May 2024

Honors Bachelor of Science - Computer Science Specialist and Business Minor (Current GPA: 3.44)

Mississauga, Canada

### Awards

UTM Entrance Scholarship - Merit based award for students with a distinguished academic record

### Relevant Coursework

- Software Design
- Assembly Programming
- Data Structures
- Systems Programming
- Computer Organization
- Complexity Analysis
- OOP
- Numerical Methods

## Technical Skills

**Languages:** Python (Fluent), Java (Intermediate), JavaScript (Beginner), React (Beginner), Kotlin (Beginner), C/C++(Beginner), Assembly (Beginner)

**Developer Tools:** Android Studio

**Technologies/Frameworks:** GitHub, Scrum Agile Methodology, Regex, Next.js, Unit Testing

**Routing and Switching:** IP Suite, OSI Model, EIGRP, OSPF, TCP/IP

## Projects

### Personal Website | *React, Next.js*

January 2022

- Created a Personal Website with **React and Next.js**.
- Deployed Next.js to have server-side rendering.
- Utilized **React, JS and CSS libraries** to design smooth transitions such as **React Smooth-Scroll**

### Notes App | *Java, Android Studio*

December 2021

- Created an Android Application that allows for note-taking
- Utilized **SharedPreferences** framework of Android to create persistent memory of notes taken
- Integrated functionality that allows for deleting previously created notes.

### Location Saver | *Java, Android Studio*

December 2021

- Created an Android application that utilizes **Storage capabilities, GPS, and Google Maps**.
- Utilized **Android and Google location libraries and frameworks** to retrieve address information of given coordinates of a device or map location.
- Incorporated storage capability that enables users to save a certain location just by long pressing on the location on the map.

### TrieTree Dictionary Program | *Python*

August 2021

- Utilized **Trie Tree** data structure to store dictionary of words.
- Designed autocorrect and autocomplete algorithms utilizing the Trie Tree dictionary.
- Created in-depth **unit-testing** which **optimized code to 95% correctness**.

### Steam-like Marketplace Application | *Java*

April 2021

- Collaborated in a **group project of four** using **Java** to develop the **back-end of an online game store**.
- Worked on project using the **Scrum Agile Development Methodology** which included **2 sprints**.
- Created the architecture of the application incorporating multiple **Object-Oriented Programming** techniques.
- Integrated **Factory, Singleton, Strategy** design patterns to code-base.
- Incorporated **Regex** techniques to take data from front-end and update back-end database.
- Developed in depth **unit-testing** for functionality of the application.
- Actively worked with **Git version control** during project