

# SHAKIR ABDULLAYEV

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## Education

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### 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

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

## Technical Skills

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**Languages:** Python, Java, JavaScript, React, Kotlin, C/C++, Assembly

**Developer Tools:** Android Studio, Linux, Bash, UiPath, JetBrains,

**Technologies/Frameworks:** GitHub, Scrum, Regex, Next.js, Unit Testing, Jenkins, Github Actions, Cron Jobs

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

## Experience

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### TD Bank Canada | DevOps Software Engineering intern

May 2022 - September 2022

- Contributed to a **KPI project** in Platforms and Technology Division of the TD Bank
- Utilized **DevOps** technologies such as **Jenkins and Github Actions** to create solutions for the project pipeline
- Created a **webhook** between the scraper module of the KPI project and the database
- Currently working on a new **RestAPI** that sends data between scrapers and the project database.

### BestComp Group Azerbaijan | Networking intern

July 2019 - August 2019

- Contributed to a project of the Ministry of Energy of Azerbaijan
- Utilized networking technologies to construct part of the internal network using **Routing and Switching** technologies
- Configured networking devices as per project requirements in a **large group environment**.

## Projects

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### Exchange Guardian (PyJaC 2022 Winner) | UiPath Studio, Forms

January 2022

- Developed an **automation program** utilizing **UiPath**.
- Utilized the **web-scraping** package of UiPath to fetch data from the websites of **major Canadian banks**.
- Integrated UiPath **Forms** to display best USD-CAD exchange rates among major Canadian banks in an intuitive manner.

### Personal Website | React, Next.js

January 2022

- Developed a Personal Website using **React and Next.js**.
- Deployed Next.js to have server-side rendering which created **higher engagement with employers** by reducing load times.
- Utilized **React, JS and CSS libraries** to design smooth transitions and effects such as **React Smooth-Scroll**

### Steam-clone 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