

# Jawadur Rashid

## Software Developer

✉ j2rashid@uwaterloo.ca

in jawadur-rashid

🌐 jawadurrashid.com

☎ (647)-855-7692

📄 github.com/jawadurrashid

## Technical Skills:

### Languages:

- Java
- C++/C#
- JavaScript
- HTML/CSS
- SQL
- Python

### Technologies:

- Node.js
- PostgreSQL
- MySQL
- MongoDB
- jQuery
- Appium
- Selenium
- Espresso
- JUnit
- Mockito
- CI (Jenkins)
- Git

## Education:

University of Waterloo

B.A.Sc Computer Engineering

2016-2021

## Interests:

- Hackathons
- Basketball
- Fitness
- Reading
- Food
- Travelling

## Experience

### Android Developer – Yellow Pages/Red Flag Deals Sep 2017- Dec 2017

- Developed a draft manager using the **Room Persistence Library** allowing users to seamlessly save and restore content
- Implemented a flyer browser that displays tile-based images and supports zoom functionality using **TileView** and **Glide**
- Created a feature enabling users to report inappropriate posts and implemented complimentary view and click tracking
- Employed search suggestions based on user's previously searched queries
- Utilized the Google Play Services gradle plugin to display the open source software notices of libraries used in the app
- Ensured optimal code functionality and reliable Android UI using Espresso, Mockito and JUnit testing

### Agile Software Test Engineer – TribalScale Jan 2017 – Apr 2017

- Architected and developed automated tests using Java and Appium to accelerate release cycles and **increase efficiency** of the testing process by more than **60%**
- Worked in an agile environment and practiced continuous integration and delivery; demonstrated comprehensive knowledge of the agile software development lifecycle
- Discovered **1000+** bugs and detailed their production using Excel, Pivotal Tracker and Fabric

## Projects

### Top 10 Free App Leaderboard – Java/Android Studio May 2017

- Developed an Android app that displays the top 10 free downloaded applications from the iTunes Store
- Implemented various Java classes to parse and manipulate XML data from a downloaded RSS feed

### Budget Plus - Javascript Dec 2017

- Created a budget application that seamlessly computes a budget based off user inputted incomes and expenses
- Architected application using the **Module Pattern** to construct an interdependent and maintainable code base
- Applied concepts of **DOM manipulation** and **event delegation** to implement core UI interactive functionalities

### Simple – JavaScript/Node.js/MongoDB/Express/EJS In Progress

- A full-stack E-Commerce web application that will allow users to purchase high quality and affordable products
- Employed a user authentication and profile infrastructure using Node.js and Mongoose to map a native user schema to a MongoDB database

### 2048 Clone Android Game – Java/Android Studio May 2017

- Hand-gesture controlled clone of the renowned puzzle game "2048"
- Integrated event handling and data processing for motion sensors while following **object oriented programming** principles

### FIRST Robotics – Java/Robot C/AutoCAD Sep 2013 – June 2016

- Successfully conceptualized, designed and built a Robot for the annual FIRST Robotics competition as part of a team; won the Rookie-All Star Award at GTR East and the Sportsmanship Award at VEX Provincials