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| 20663763  Computer Science 3B  (587) 889-8369  j832wang@edu.uwaterloo.ca | **JIASHU WANG** |

# Skill Summary

* Adept in Android, C, C++, Java, Git, Python, Scala, SQL experience with Angular, Bash, HTML, JavaScript, React Native and PHP.
* Experience working with GCP Big Query, Docker and Jenkins.
* Fast problem solver that delivers under pressure with excellent attention to details.
* Passionate developer, continuously learning and improving development skill set.

# Relevant Experience

## Software Engineer – Ritual.co Jan/19 – Apr/19

* Architected a User and Merchant Data Service API as a microservice using Flask, Docker and SQL, to allow for easy analysis and management of collected data for internal and secure external use.
* Incorporated a recommendation engine and optimization algorithm to analyze user data to determine best usage of push notifications, increasing conversion rate by 50%.
* Refactored and road mapped changes in the codebase to allow for easy integration and transition to internationalization.

## Quality Assurance Automation Developer – BBM May/18 – Aug/18

* Created and maintained automated tests across 10 Jenkins jobs and 2 client branches.
* Reduced test overhead times by 50% through implementing asynchronous execution of commands.
* Eliminated random test failures due to WebDriverExceptions by refactoring deprecated Appium functions from foundational automation code, improving stability.
* As the subject matter expert, on-boarded new full-time automation developers on the framework and helped troubleshoot issues.

## Software Developer and Manager – Smash City, Badminton Centre Jun/17 – May/18

* Created a Graphical User Interface to allow for easy distribution of players into badminton matches.
* Researched new ways of enhancing the software through online forums, successfully improving runtime.
* Held weekly meetings with the other managers to discuss the direction of the project, updating the application based on their feedback.

# Education

## University of Waterloo Sep/17 – Present

* Bachelor of Science Actuarial Science and Computer Science
  + Excellent Standing – 85.5% Major Average

## University of Calgary Sep/16 – Jun/17

* Bachelor of Science Actuarial Science and Computer Science
  + Faculty of Science’s Dean’s List – 3.85 GPA