20663763
Computer Science 3B
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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