

Rahul Sharma

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EXPERIENCE

Royal Bank of Canada | iOS DEVELOPER INTERN

September 2017 – December 2017 | Toronto, ON

- Worked on the RBC Mobile Banking application impacting approximately 1.7 million users
- Solved high and mid-priority level defects on the RBC Mobile Banking application using Swift and Objective-C
- Fixed broken unit tests throughout the RBC Mobile Banking application using Swift and Objective-C
- Organized and participated in walkthrough reviews of all technical specification, code and unit test plans
- Cleaned up compiler warnings throughout the RBC Mobile Banking application

Successfully Delivered:

- Slack/Gitlab Automation Bot
 - Used the Gitlab API to gather information regarding open branches, merge requests and user comments
 - Implemented direct message capabilities using the Slack API to send team members data ingested from the Gitlab API
 - Resulted in higher efficiency throughout the team
 - Technologies: Swift, XCode, Gitlab API, Slack API

Toronto Stock Exchange (TMX Group) | SOFTWARE DEVELOPER INTERN

May 2016 – November 2016 | Toronto, ON

- Fixed defects using PHP and JavaScript for the TMX Webstore (www.tmxwebstore.com)
- Participated in software design activities, peer code reviews, and code promotion
- Performed quality assurance activities including functional, automated, performance, security, and accessibility testing across web and mobile applications
- Implemented web application software using scrum-agile methodology and the Kanban process

Successfully Delivered:

- TMX Money Twitter and Stocktwits Automation (www.twitter.com/TMXmoney, stocktwits.com/TMXmoney)
 - Implemented and deployed automation tools for the publication of market data impacting over 33,000 users
 - Built error monitoring and email alerting functionality
 - Built quality control checks to ensure accuracy of market data for the publication
 - Resulted in the increase of efficiency by about 250 hours' yearly
 - Technologies: Python, MySQL, Ubuntu, Unix Cron, Twitter/Stocktwits APIs
- TMX Webstore REST API (www.tmxwebstore.com)
 - Implemented API code for single-sign-on integration with third-party web applications
 - Technologies: JavaScript, JQuery, OAuth, OpenID Connect

Technical Skills

- Experience using Python, Swift, Objective-C, Java, JavaScript, HTML, PHP, MySQL, Unix, XCode, GIT

Education

University of Windsor | BACHELORS OF COMPUTER SCIENCE, HONOURS, CO-OP

September 2014- Present (Expected Graduation: 2018)

Recent Project

HeartBreaker | iOS APPLICATION

- An arcade game where a user must tap on hearts that are displayed on the screen before they disappear
- Over 1000 units downloaded
- Technologies: Swift, XCode