SHREYA KHASNIS

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OBJECTIVE

Result-driven and enthusiastic individual seeking a software developer position for Fall 2017

TECHNICAL EXPERIENCE

- Proficient with C, C++, HTML, CSS, Scheme, MIPS, BASH, and Git
- Experience with Ruby on Rails, RSpec, Docker, SQL and Swift from previous work terms
- Worked with XCTest, SemaphoreCI, Amplitude and Redash
- Currently learning Java

EDUCATION

Candidate for Bachelor's in Honours Computer Science, Bioinformatics Option, 3B term   **September 2014 - Present**
University of Waterloo, Faculty of Mathematics

Currently pursing: Operating Systems, Algorithms, User Interfaces
Relevant courses: Data Structures and Data Management, Computer Organization and Design, Foundations of Sequential Programming, Object Oriented Software Development, Logic and Computation

WORK EXPERIENCE

QA Developer, 500px   **January 2017 - April 2017**
Toronto, Ontario
- Tested and deployed code to production for more than 10 million users on a daily basis and ensured the seamless launch of new memberships and features in April
- Used Ruby on Rails to help developers debug features of the site and ensured data integrity and consistency of new services
- Wrote UI tests for new features on the iOS applications using XCTest and Swift and worked with RSpec and SemaphoreCI to ensure clean web builds were deployed
- Performed integration tests on web security enhancements (e.g. CSRF and 2 Factor Authorization) and third party services (e.g. Stripe and PayPal sandbox)
- Worked on a sanitize database input tool during the company hack days
- Contributed to the 500px developer's blog on the development tools used for maintaining the web application and deployments

Junior QA Specialist, ICF Olson   **January 2016 - April 2016**
Toronto, Ontario
- Vigorously tested various web and mobile applications for clients such as Boston Pizza, ALDO, SmokeFreeTxt and ensured their successful launch
- Trained new QA members on the workflow, tools and processes used on a daily basis
- Co-developed SQL scripts to automate a three-week simulation of the web application to under 30 minutes
- Helped ensure data integrity through interacting with test and production databases using SequelPro and MySQL and identified critical bugs using bug tracking tools such as JIRA, Trello, TeamWork

Test Analyst, CIBC Wealth Management Technology   **May 2015 - August 2015**
Toronto, Ontario
- Executed and reported bugs through multiple rounds of user-acceptance testing on a mainframe application
- Wrote and executed regression tests for the application

PROJECTS

Chamber Crawlers   **July 2016**
- Built a command-line game using C++ with many object-oriented software development patterns (e.g. Factory method)

Game Development   **Present**
- Built a command-line version of Mastermind in C++ and building a 2D graphics version of the Snake game in Java with Eclipse