SHREYA KHASNIS

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OBJECTIVE
Result-driven and enthusiastic individual seeking a software engineering internship for Fall 2017

TECHNICAL SKILLS
Proficient with: C, C++, MIPS, HTML, CSS, Scheme, BASH scripting, Git & Linux
Experience with: SQL, Swift, Java & Ruby
Frameworks/Tools: Xcode, Eclipse, Rails, RSpec, Docker, SemaphoreCI, Redash, Datadog & GDB

EDUCATION
Sept 2014 - Present | 3B Term
Candidate for **Honours Bachelor of Computer Science with Bioinformatics Option** at University of Waterloo

Relevant Courses: Operating Systems, Algorithms, User Interfaces, Data Structures and Data Management, Foundations of Sequential Programming & Object-Oriented Software Development

WORK EXPERIENCE
QA Developer, 500px
Toronto, Ontario | Jan - April 2017
- Tested and deployed code to production for 10 million+ users daily and ensured the seamless launch of new memberships and features
- Used Ruby on Rails to help developers debug site features and ensured data integrity for new backend and pipeline services
- Wrote UI tests for new features on iOS apps using Swift and XCTest, similarly used RSpec and SemaphoreCI for updating web automation test suite
- Performed integration tests on web security (e.g. CSRF & 2FA) and third party services (e.g. Stripe & PayPal)
- Worked on a sanitize database input tool during company hack days
- Contributed to the 500px developers blog on the development tools used for maintaining the web application

Junior QA Specialist, ICF Olson
Toronto, Ontario | Jan 2016 - April 2016
- Vigorously tested multiple web and mobile applications for clients such as Boston Pizza, ALDO and SmokeFreeTXT
- Trained new QA members on various workflow practices
- Co-developed SQL scripts to automate a three-week simulation of the web application to under 30 minutes
- Ensured data integrity through interacting with databases using SequelPro and MySQL, and identified critical bugs using JIRA, Trello & TeamWork

Test Analyst, CIBC Wealth Management Technology
Toronto, Ontario | May 2015 - Aug 2015
- 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
Built a command-line game using C++ and had the opportunity to implement many object-oriented software development patterns (including Makefile for compilation)

Personal Website
Learned HTML/CSS as an introduction to the world of web development, links to game development projects such as Mastermind (command-line, C++) and Snake game (GUI built using Java Swing on Eclipse)

WLP4 Compiler
Built a WLP4 compiler (a compiler that consisted of a subset of C syntax and semantics) using C++