SHEIKH ABRAR TAHMID

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SKILLS

Languages	Java ▪ C/C++ ▪ JavaScript ▪ SQL ▪ HTML ▪ CSS
Libraries	Selenium ▪ TestNG ▪ Android SDK ▪ Swing ▪ JavaFX
Tools	Linux ▪ Git ▪ Sourcetree ▪ Jira ▪ TestRail ▪ IntelliJ IDEA ▪ Eclipse ▪ Vim ▪ MySQL ▪ REST APIs

EXPERIENCE

Automation Developer   May 2019 - Aug 2019
Veeva Systems, Toronto, ON

- Increased amount of automated UI and API tests for Veeva Network web app using Java, Selenium, TestNG and internal framework
- Improved internal UI automation framework by improving on existing page classes and writing new classes using Java and Selenium
- Developed solution for automating shadow DOM elements inside Veeva Network widgets using Java and Javascript, integrated solution with existing UI automation framework, presented to rest of team and wrote Confluence page to document project
- Quickly learned and used various technologies: IntelliJ IDEA, Linux, MySQL, Sourcetree, Postman, REST APIs, Vim, Jira, TestRail

Robotics Instructor   July 2018 - Aug 2018
Bot Camp, Toronto, ON

- Mentored students on how to design, build and program competitive robots to complete an engineering challenge
- Introduced programming concepts including loops and conditional statements as well as various real-world robotics mechanisms

Programming Lead and Team Captain   Sep 2014 - June 2018
FIRST Robotics Competition Team 5036, Toronto, ON

- Effectively led 20-person team to create 120-pound, industrial-sized robot each year (video of 2018 robot: http://bit.ly/2Erz5qW)
- Programmed robots using Java and the WPILib API, implementing object-oriented programming and robotics control concepts
- Was team captain during last two years, overseeing all aspects of team, including design, software and fundraising
- While team captain, qualified for World Championships two years in a row

PROJECTS

Laptop Guard - **2019** *Java, JavaFX, JavaMail, C*   http://bit.ly/2EFnLcr
A Java desktop app that sounds an alarm when a user's laptop is unplugged and sends a notification to the user's email

Personal Website - **2019** *JavaScript, HTML, CSS, Bootstrap*   http://bit.ly/2lYF29r

Robotics Competition Scouting App - **2017** *Java, Swing*   http://bit.ly/2T9C15P
An internal tool used by school's robotics team to make recording and analyzing performances of robots at competitions easier

Word Matching Game - **2016** *Java, Android SDK*   http://bit.ly/2NEoD3U
A brain-training game with over 514 downloads where players must match word pairs hidden in a randomly-generated array

Boxie Vs. the World - **2016** *Java, jMonkeyEngine*   http://bit.ly/2VvQQfQ
A 3D game for the PC where the user controls the character, Boxie, to collect coins and jump from platform to platform

EDUCATION

Candidate for Bachelor of Computer Science, GPA: 3.5, Major Average: 89%   Sep 2018 - present
University of Waterloo, Waterloo, ON

Relevant Courses:
CS135 - Designing Functional Programs (functional programming),
CS136 - Elementary Algorithm Design and Data Abstraction (C),
CS246E - Object-Oriented Software Development - Enriched (in progress) (C++, Linux, object-oriented programming)