SHEIKH ABRAR TAHMID

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SKILLS

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

EXPERIENCE

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

- Developed UI and API test automation coverage for Veeva Network web app using Java, Selenium, TestNG and internal framework
- Made various contributions to existing automation framework to make developing future automation code easier and quicker
- Developed solution for automating shadow DOM elements inside Veeva Network widgets using Java and Javascript, integrated solution with existing automation framework, presented to rest of team and wrote Confluence page to document project
- Quickly learned and used various technologies: IntelliJ IDEA, Linux, MySQL, Git, Sourcetree, Postman, Vim, Jira, TestRail

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

- Mentored students on how to design, build and program competitive robots platform 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
- Oversaw all aspects of team, including design, software and fundraising, during last 2 years with team
- 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

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 513 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

Personal Website - 2019 *JavaScript, HTML, CSS, Bootstrap*   http://bit.ly/2lYF29r
Developed website from scratch to showcase skills and experiences to potential employers

EDUCATION

Bachelor of Computer Science, GPA: 3.5, Cumulative Average: 81%   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 (C++, Linux, object-oriented programming)