SHEIKH A. TAHMID

sa2tahmi@uwaterloo.ca | 647-996-9086 | sheikhtahmid.ca | github.com/tahmid0517

SKILLS

Languages	Java ▪ C++ ▪ JavaScript
Tools	Linux ▪ Git ▪ Vim ▪ IntelliJ IDEA ▪ Jira

WORK EXPERIENCE

Software Developer   Jan 2020 - Apr 2020
Veeva Systems, Toronto, ON

- Worked with: **Java, IntelliJ IDEA, Linux, Git, Vim, Jira, MySQL, Maven, OpenSAML, Elasticsearch, JavaScript**
- Overhauled archive search in admin console, using Java and multithreading techniques, speeding up search results on large archives from never returning to taking around 10 seconds
- Developed POC of feature, using Java and OpenSAML, to parse SAML IdP metadata and update SSO settings
- Fixed issues related to Elasticsearch querying and indexing
- Refactored Java code to upgrade from OpenSAML 2 to 3, helping prevent future security vulnerabilities
- Refactored Java code related to address cleansing, reducing technical debt
- Added ability to search archived data in admin console with "Network Expressions" using Java, JavaScript and HTML
- Suggested changes to downloading archived data in admin console and implemented them using Java and JavaScript, making feature more useful

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

- Worked with: **Java, IntelliJ IDEA, Linux, Git, Vim, Jira, MySQL, Selenium, TestNG, TestRail, JavaScript**
- Increased amount of automated UI and API tests for web app using Java, Selenium, TestNG and internal framework
- Extended functionality of internal UI automation framework using Java and Selenium
- Developed solution for automating shadow DOM elements inside Veeva Network widgets using Java, Selenium and Javascript, integrated solution with existing UI automation framework and presented it to rest of team

PROJECTS

Vm - 2019 *C++, Git, Vim, UML*
Worked with partner on CS246E project to implement a scaled-down version of Vim using C++ and the ncurses library

Laptop Guard - 2019 *Java, JavaFX*   https://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*   https://bit.ly/2lYF29r

Software for competition robot: "Dementor" - 2018 *Java, WPILib(robotics library)*   https://bit.ly/2zjUeFl
Programmed industrial-sized, world championship qualifying robot, using multiple sensors and implementing advanced control techniques

Word Matching Game - 2016 *Java, Android SDK*   https://bit.ly/2NEoD3U
A memory game where the player must match word pairs hidden in a randomly generated array

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

EDUCATION

Candidate for Bachelor of Computer Science   Sep 2018 - present
University of Waterloo, Waterloo, ON
    GPA: 3.54, Cumulative Ave: 81.86%, Major Ave: 86.4%