

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, Sourcetree, Vim, Jira, MySQL, Maven, OpenSAML, Elasticsearch, JavaScript**
- Overhauled feature related to searching archive data in admin console, using Java and multithreading techniques, speeding up searching data of large sizes from never returning to taking around 10 seconds
- Developed proof-of-concept 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 migrate from OpenSAML 2 to 3
- Refactored Java code related to address cleansing to reduce technical debt
- Added ability to search archive data in admin console with "Network Expressions" using Java, JavaScript and HTML
- Suggested changes to downloading archive data in admin console and implemented them using Java and JavaScript

Automation Developer

May 2019 - Aug 2019

Veeva Systems, Toronto, ON

- Worked with: **Java, IntelliJ IDEA, Linux, Sourcetree, Vim, Jira, MySQL, Selenium, TestNG, Postman, TestRail, JavaScript**
- Increased amount of automated UI and API tests for Veeva Network 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 it with existing UI automation framework, presented to rest of team and wrote Confluence page documenting project

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%