

# SHEIKH A. TAHMID

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## SKILLS

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

## WORK EXPERIENCE

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### 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 timing out 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 improvements to downloading archived 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, 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

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### 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/2IYF29r>

### 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

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### 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%