

# Salman Shaikh

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## EDUCATION

**Specialization in Computer Science**, University of Western Ontario, London, Ontario

(Expected) 2022

- Achieved Western Scholarship of Distinction.
- Completed Data Structures and Algorithms course, achieving a grade of 82%.
- Competed in Hack Western in 2017 and 2018.

## WORK EXPERIENCE

**Software Development Intern – AutoPlanner Team**, J.D. Power, London, Ontario

August 2020 – September 2021

- Worked alongside 4 engineers in an Agile Sprint Environment on a web app called AutoPlanner used by 90% percent of North American OEM's.
- Developed and executed unit tests for front-end module and increased code coverage to be above 80% resulting in higher code quality and reduced regression issues and bugs.
- Built a backend API using Spring MVC and Apache POI, that would take JSON data and generate formatted csv or excel reports ready for download, automatic generation of reports reduced workload for analysts using the app.
- Took on a mentorship role during my last 4 months to train the new intern that was replacing my role in the team.

**Analyst Assistant/Intern**, Cowan Insurance, Brantford, Ontario

January 2017 – June 2017

- Designed and implemented a VBA macro to automatically update experience reports resulting in reduced workload.
- Created and organized a database of high-profile clients to better manage client needs resulting in more satisfied clients.
- Reduced billing inaccuracies for clients by generating billing reports and double checking the accuracy using excel.

## PROJECTS

**Digital Dictionary**

2018

- Created an ordered digital dictionary to store various file types using custom implementation of a binary search tree data structure. The dictionary includes various query operations to retrieve saved records. **(Java, Binary Search Tree)**

**Bus Route Finder**

2018

- Created a Java applet using graphs and nodes to find a bus route for from point a to point b traveling the least distance. **(Java, Graphs)**

**Tic Tac Toe Game**

2018

- Developed a tic tac toe game in Java to play against the user, using a tree of hash tables the computer would explore all scenarios and make the best play. **(Java, Hash Tables)**

**Personal Website**

2019

- Using HTML boilerplate and CSS and JavaScript to create my personal portfolio/website to showcase my projects and abilities. **(HTML, JavaScript, CSS)**

**Linux File Manager**

2019

- Implemented a File Manager system as well as develop utilities for the File Manager system in C++ for Debian based systems such as raspberry pi's. **(C++, Debian/Linux, Raspberry Pi)**

## TECHINICAL SKILLS

**Frontend Skills:** JavaScript ES6, ReactJS, Redux, SCSS, CSS

**Backend Skills:** Java 8, Spring MVC, Apache Camel, Apache Maven

**Unit Testing Frameworks:** JUnit, Jest, Enzyme

**Database Technologies:** MySQL, Redis

**Version Control Technologies:** Git, GitLab, GitKraken

**Containerization:** Docker Containers

**Automated Testing Frameworks:** Serenity BDD, Cucumber BDD