

Saad Mukhtar

📞 647-241-3447 ✉ s2mukhta@uwaterloo.ca 🔗 [linkedin.com/in/saadmukhtar416/](https://www.linkedin.com/in/saadmukhtar416/) 🐙 github.com/SaadMukhtar 🌐 saadmukhtar.github.io

SKILLS

LANGUAGES: JavaScript, Python, Java, C, C++, HTML, CSS, Racket/Scheme, TypeScript
TOOLS: JIRA, Git, Github, VSCode, IntelliJ, Linux, Terminal, NPM, Heroku, Jupyter Notebooks, Postman, Firebase
TECHNOLOGIES: React, Redux, Node.js, Express.js, MongoDB, Flask, Angular, Spring Boot, MySQL

EXPERIENCE

SYSTEMS QA ANALYST | ZeMaas Inc

May 2021 - Jun 2021

- Worked as a part of the User Acceptance Team to perform **manual testing** for of **3+ websites** and **5 apps**
- Analysed requirements, developed test plans, test scenarios, and test cases
- Tested, identified, discussed, and documented bugs with program function, output, online screen, and content
- Organized documentation of arising bugs to **increase efficiency by 15%** and **doubled the daily findings**
- Reported errors to developers and took part in product review meetings
- Adopted **AGILE** methodology in the **SDLC**, and used **JIRA** to create issues

FOUNDER | Popsockets - A Student-run startup

Oct 2018 - Jan 2019

- Operated a student-run business venture of **30** students from release to liquidation
- Formulated a business plan, organized finance, retail, and advertising teams, resulting in **+150** sales

PROJECTS

🐙 MERN SALES - ECOMMERCE WEBSITE | React, Redux, Node, Express, MongoDB, Mongoose, JWT, Postman

- Built and deployed a **full stack** eCommerce web app using the **MERN stack** with authentication using Json Web Tokens
- Utilized **React** and **React-Bootstrap** library to create a responsive front-end; login, shopping cart, product reviews, user profile
- Managed state with **Redux** in components to contain user information, shopping cart, products, and orders
- Engineered a **RESTful API** with **Node/Express**, to support **CRUD** operations to the **MongoDB database** for purchase processes
- Created **Mongoose Schemas** for application data such as orders, users, and products
- Deployed on **Heroku**

🐙 BUSINESS-QUESTER | React, Node, Express, Yelp API

- Launched a web app with **React** to present users with the best service providers in any industry of any given city
- Created an **API** using **Node and Express**, to fetch data from the **Yelp API** to obtain the best local businesses in the searched industry and area from Yelp

🐙 EMPLOYEE MANAGEMENT APP | Angular, Java, Spring Boot, MySQL, Postman

- Developed a web app with **Angular** to create, update, delete, and store Employee Information
- Created a **RESTful API** using **Spring Boot** to perform **CRUD** operations to the **MySQL** database

🐙 DRIVETEST BOT | Flask, Python, HTML/CSS, Bootstrap, Selenium, Jupyter Notebook

- Built an **automated** bot in **Python** and **Selenium** which **web scrapes** the DriveTest booking website, and alerts the user when they have found a booking; used to book my G level driver's test

🐙 SPACE-X ROCKETS | React, Apollo Client, SpaceX GraphQL API

- Created a **React** website which receives data using **Apollo Client**, about past launched rockets from the **SpaceX GraphQL API**

EDUCATION

UNIVERSITY OF WATERLOO | BS Computer Science

Expected Graduation 2025

Relevant Coursework: Designing Functional Programs, Algorithm Design and Data Abstraction

Coursera/uDemy/Linkden: AGILE with JIRA, Software Product Management, Software Testing and Automation, AWS Quicksight, MERN Stack, Spring, Angular, Flask, Django, JavaScript Mastery, HTTP Essentials