

# Mahad Rehan

 <https://mahaaad.github.io/website/>  <https://github.com/mahaaad>  <https://www.linkedin.com/in/mahadrehan>  4372194339  mahad.rehan@gmail.com

## Education

### Queen's University

Honours Bachelor of Computing, Computer Science

Kingston, ON

September 2019 - April 2023

- **Relevant Courses:** Intro to CS 2 (Java/Object-Oriented Programming), Data Structures, System-Level Programming (Linux/Bash/C), Web Development (JavaScript, HTML/CSS)

## Skills

**Languages:** JavaScript, HTML/CSS, Java, Python, C, Bash

**Technologies:** Node.js, MongoDB, Firebase, Git, Linux, Photoshop, Illustrator, After Effects, Figma, MS Office

**Frameworks/Libraries:** React.js, React Native, Vue.js, Angular.js, JQuery, Express.js, d3.js, Django

## Experience

### QMIND

Kingston, ON

October 2020 - present

#### Software Developer

- Developed software to automate identifying human and natural disturbances in forests with higher accuracy and consistency than human classification using computer vision
- Built front-end/interface of Python classifier application built using CNN used for classifying human activities and deforestation in aerial images of forests

### Teens Learn to Drive

Mississauga, ON

May 2020 - July 2020

#### Web Developer and Design Intern

- Redesigned company's website in WordPress, and used custom CSS and JavaScript to effectively style and add functionality
- Creatively designed artwork, logos, and other promotional graphics in Adobe CC software to advertise company's campaign

### BetaLab

Kingston, ON

February 2020 - present

#### UI/UX Designer

- Created prototypes, user flows, and high fidelity wireframes of web and mobile apps for clients
- Utilised prototyping software such as Figma, as well as Adobe Photoshop, and Adobe Illustrator for design work

## Projects

### Messenger App <https://github.com/mahaaad/messenger-app>

- Snapchat and Facebook Messenger inspired messaging full-stack app featuring real time chat functionality between user accounts built with MongoDB, Express.js, React.js, and Node.js
- Implemented location sharing and map features similar to that of Snapchat Maps and various other Snapchat related features using Google Maps API along with Snapchat API

### Youtube Profile Data Visualiser <https://github.com/mahaaad/Youtube-Data-App>

- React.js web app which visualizes user watch data extracted Youtube Data API V3 to provide greater insight on top channels, genres, watch time, e.t.c.
- Graphically displayed user data and statistics with d3.js/Chart.js with material-ui.

### Water Drink Reminder App <https://github.com/mahaaad/water-drink-app>

- Cross Platform mobile app built using React-Native intended to regularly send push notification reminders to user to increase water intake
- Used Firebase DB to store user accounts and water consumption data to track water intake over time

### Memory Tiles <https://github.com/mahaaad/memory-tiles-2>

- Vue.js web app for improving spatial recall and visual memory. Used d3.js/Chart.js to visualise stats and provide user with feedback on memory improvement
- Used MongoDB to store user data and get rate of progress and track memory improvement