

# Tahmeed Hossain

Software Engineer



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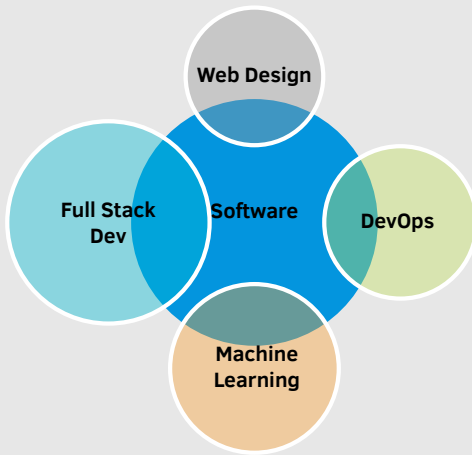
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## Technical Skills

### Overview



### Programming

0 LOC —————> 5000 LOC

NodeJS • Java • Python

PHP • SQL • ReactJS

Javascript • Express • R

## Education

### B.Sc., Computer Science

University of British Columbia

2016 - 2021 | Kelowna, Canada

### CPT, CFES Personal Trainer Diploma

Okanagan College

2018 - 2020 | Kelowna, Canada

## TECHNICAL SKILLS

FrontEnd	HTML, CSS, ReactJS, Material UI, PHP, Javascript, Java
Backend	NodeJS, Express, PHP, Java, MySQL, PostGreSQL, FireBase, Git
Deploy	Digital Ocean, Nginx, Docker
Other	Python, R, Bash, Tensorflow, Excel, SolidWorks

## TECHNICAL EXPERIENCE

April 2020 - Present	<b>Full-Stack Developer (Project Manager)</b> <span style="float: right;">Agronomie</span>
	<ul style="list-style-type: none"><li>Developing a full stack website that provides agricultural data to farmers in Kenya based on location</li><li>Built complete functional user-driven system with <b>Postgres</b> database, <b>Node.js</b> server side, and <b>React.js</b> client side.</li><li>Coordinated development and deployment of software project with <b>Docker</b> containers for continuous integration and testing</li></ul>

## TECHNICAL PROJECTS

Sept 2019- Apr 2020	<b>Web Development</b> <span style="float: right;">University of British Columbia</span>
	<b>Website:</b> Built a commercial blogpost website for a self-made brand using <b>PHP</b> that incorporates <b>Javascript</b> , <b>HTML</b> , <b>CSS</b> and <b>MySQL</b> server as part of a two person project.
	<ul style="list-style-type: none"><li>Conducted design and construction of entire system architecture using ER diagrams and Data flow diagrams within the technical specifications.</li></ul>
Jan 2020- May 2020	<b>Android Development</b> <span style="float: right;">University of British Columbia</span>
	<b>App:</b> Built a UBC study room booking app using <b>Java</b> in Android studio for <b>UI design</b> and <b>Google Firebase</b> for the database.
	<ul style="list-style-type: none"><li>Designed and Programmed application that is geared towards an older demographic to provide a user-friendly interface for functionality found through user evaluations and prototype testing.</li><li>Parsed dynamic data from UBC study booking website to real-time access to allow seamless booking.</li></ul>
Jan 2020- Apr 2020	<b>Interactive Agent Project</b> <span style="float: right;">University of British Columbia</span>
	<b>Chatbox:</b> Designed, built, and trained agent on neural network and deep learning model using <b>python</b> libraries such as <b>Tensorflow</b> and <b>Tflearn</b> .
	<ul style="list-style-type: none"><li>Created custom tokenized data sets sorted by the pre-processing library (<b>nlTK</b>) and stored into dictionary arrays and converted into <b>numpy</b> arrays to train neural network on user input patterns.</li><li>Tested and implemented different activation functions on neural network such as sigmoid, softmax, and linear functions to optimize data accuracy by mapping response values.</li></ul>

## WORK-EXPERIENCE

Jan 2020- Mar 2020	<b>UBC Recreation</b>
	<b>Personal Trainer:</b> Helped individuals reach their fitness goals
	<ul style="list-style-type: none"><li>Create exercise prescriptions for clients for specified goals</li><li>Observe and assess clients movements and give feedback</li></ul>
	<b>BC Ferries</b>
	<b>Terminal Attendant:</b> Assisted with Terminal Operations at the Tsawwassen Ferry Terminal.
	<ul style="list-style-type: none"><li>Load foot and vehicle passengers on to the Ferry.</li><li>Maneuver ramps and pathways for transportation on to Ferry</li><li>Handled terminal maintenance and customer service tasks</li></ul>