

Muhammad Ali (Moe)

✉ muhammadalinajfi1@gmail.com 🏠 moyoonthego.github.io 📱 moyoonthego 📺 moe-ali

Education

University of Toronto

Sept. 2017 - Apr. 2022

H.B.Sc. **DEAN'S LIST** | **HONOUR ROLL**

Toronto, ON

- **3.62 GPA**
- Specialist: **Computer Science** (Software Engineering Stream)
- Minors: **Statistics, Creative Writing**
- Current Relevant Courses: **Product Design, Web Development**

Experience

ÜDeliver

Aug. 2020 - Present

FOUNDER & CHIEF EXECUTIVE OFFICER

Toronto, ON

- Founded startup initiative to create a mobile delivery platform that saves money for both customers and businesses while providing enhanced reliability features. Created a profitable business model, reducing commission from 15-30% down to 1%
- Delegated tasks with JIRA, Agile workflow, concept documents. Used Figma & React Native to create product and prototype with team.

RBC Royal Bank

May 2020 - Aug. 2020

SOFTWARE DEVELOPER INTERN

Toronto, ON

- Working with Identity and Access Management (IAM) team to update system architecture with Java and Shell scripting. Assessed for enhancements and created project documentation for enterprise software used by client companies globally.
- Successfully migrated global directory services to a new infrastructure by identifying business and technical rules, without user affect.

FGF Brands

Sept. 2019 - Apr. 2020

FULL-STACK WEB DEVELOPER INTERN

North York, ON

- Designed and developed an intranet portal with 28 more features and functionalities than its predecessor. Managed data using MSSQL, Kendo and C# frameworks, with company-wide daily usage. Maintained data control as a SharePoint admin.
- Created UI tools/dashboards for vendor management and sales data, used by large-scale vendors like Walmart, Starbucks, and Aldi.

The Mosaic Institute

Sept. 2019 - Dec. 2019

SOFTWARE ENGINEER INTERN

Ottawa, ON

- Implemented design for an app that meets the NPO mission of diversity & inclusion, automating training processes with AODA compliance. Wrote numerous React components, routing features and pages. Handled Asana SCRUM maintenance.
- Reduced administration time by 94% replacing pen and paper methods with automatic CSV generation through efficient design.

University of Toronto

Sept. 2018 - June 2019

TEACHING ASSISTANT

Toronto, ON

- **CSCA08 (Intro to Computer Science) - Fall 2018 and Winter 2019**
- Created tools in Python to instruct over 3k students. Graded papers, held office hours and substitute lectures.

Volunteer Experience

Hack the Valley

Oct. 2017 - Present

CO-CHAIR & CXO (CHIEF EXPERIENCE OFFICER)

Toronto, ON

- Promoted Sponsorship Coordinator → Web Developer → Executive Organizer → Co-Chair and CXO (2020-2021).
- Helped oversee Hack the Valley reach 7.5k applicants and become Canada's second largest hackathon. As Chief Experience Officer, lead Hack the Valley to be recognized as a Top 50 (ranked 23) Hackathon worldwide by Pinnacle (Olympics of Hackathons).
- Engaging with multiple organizations and sponsors as well as with students as a mentor. Lectured at organization events and managed activities. Helped develop our new Hacker Landing Page and Dashboard for event page, serving as a Project Manager.

Skills & Abilities

Tools and Technologies

JIRA, CONFLUENCE, ASANA, GIT, SHAREPOINT, BASECAMP, GCP, FIREBASE, MONGODB, BIG QUERY, UNITY, SVN, OFFICE365

Concepts, Libraries and Frameworks

AGILE, SCRUM, RACI, DATA STRUCTURES | REACT, JQUERY, ASP.NET, BOOTSTRAP, KENDO, FLASK, MONGOOSE, EXPRESS

Programming and Markup Languages

PYTHON, C#, JAVA, SQL, JAVASCRIPT, SHELL/BASH, HASKELL, RUBY, C, C++, R, VERILOG, HTML/XML, CSS, ARDUINO, PERL

Relevant Projects

Arusi

July 2019 - Present

PROJECT MANAGER AND DEVELOPER (PERSONAL STARTUP/INITIATIVE)

- **Java and Android SDK Muslim Connections App**
- Wrote back-end (Java) and front-end (XML) for project in Android Studio. Designed UI/UX.
- Used JSON files, Google API's (Sign-In, Location, etc.). Firebase realtime-database, storage & user authentication

Words with Strangers

Jan. 2020 - Aug. 2020

PROJECT MANAGER AND WEB DEVELOPER (HACKATHON, GROUP OF 3)

- **Node.js and Bootstrap web app P2P game**
- Created project design/schema, wrote front end using Node.js and jQuery rigged custom components & functions using TODAQ API's

ModernModular.js

June 2020 - Sept. 2020

FULL-STACK SOFTWARE ENGINEER (PERSONAL PROJECT)

- **DOM Element Widgetization JS Library**
- Created JS Library enabling developers to widgetize content in a view and customize them, animate them or get information on them. Implemented library in vanilla JS (no framework dependencies). Created site with HTML, CSS, JS. Deployed using Heroku and Express.js

SkillTraders

Apr. 2020 - Aug. 2020

FULL-STACK SOFTWARE ENGINEER (PARTNER PROJECT)

- **React.js Online Networking Site (COVID-19 Relief)**
- Handled front-end. Created all React components, such as Reviews, Ratings, Sidebar.
- Handled user authorization and sessions, as well as login and registration. Worked on backend with MongoDB using Mongoose.js

Honors & Awards

Admission & Honour Role Scholarship

Sept. 2017 - Present

H.B.SC, COMPUTER SCIENCE

University of Toronto

- Received an entrance scholarship of \$3.5K with annual renewal of \$2K for full time enrollment, based on prior academic success.
- Renewed annually for academic merit, as per recognition from the University of Toronto as an Honours student.

RBC 2020 Innovation Challenge

May 2020

"RBC VIRTUAL BRANCH" PROJECT

RBC Royal Bank

- **2nd Place Best Overall Application**
- Framework and HiFi prototype for a virtual banking application using AR. Pitched concept to RBC Head of T&O and Director of IAM.

QHacks 2020

Feb. 2020

ROLL-E

Queen's University

- **Best Green Hack Award**
- Created an autonomous recycling waste manager using machine learning. Demoed for TD engineers, recruiters, and director of T&O.
- Rigged physical machine and model, created hardware description using Arduino.

UofTHacks 2020

Jan. 2020

WORDS WITH STRANGERS

University of Toronto

- **Best App on TODA Award**
- Web app multiplayer word-choice game using sockets, Firebase, and TODA services.

BostonHacks 2019

Nov. 2019

MOODBLASTER PROJECT

Boston University

- **Best Computational Art Award**
- Image recognition and neural network services for an app that selects music based on recognized facial moods, for emotional therapy.