

# 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, 3.62 GPA**

Toronto, ON

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

## Experience

### Pinch - Local Delivery

Aug. 2020 - Present

FOUNDER & CHIEF EXECUTIVE OFFICER

Toronto, ON

- Founded startup for economically viable mobile delivery platform. Created profitable business model, reducing 15-30% commission 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

- Under Identity and Access Management, updated system architecture with Java and Bash. Created project documentation for enterprise software.
- Migrated 75% of global directory services to new infrastructure by identifying business and technical rules with 0 recorded tickets or affected users.

### FGF Brands

Sept. 2019 - Apr. 2020

FULL-STACK WEB DEVELOPER INTERN

North York, ON

- Developed intranet portal with 28 more functionalities than 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 (Walmart, Starbucks).

### The Mosaic Institute

Sept. 2019 - Dec. 2019

TECHNICAL PROJECT MANAGER INTERN

Ottawa, ON

- Created an app for NPO diversity & inclusion mission to automate training with AODA compliance. Handled Asana SCRUM maintenance and developed with team in React. Reduced administration time by 94% replacing pen and paper methods with automatic CSV generation.

### University of Toronto

Sept. 2018 - June 2019

TEACHING ASSISTANT

Toronto, ON

- 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).
- Developed new 2021 Hacker Landing Page and Dashboard event site, serving as a Project Manager, assigning tasks using Jira (Agile workflow).

## Skills & Abilities

**Project Management** - JIRA, CONFLUENCE, ASANA, AGILE, SCRUM, UI/UX DESIGN, SHAREPOINT, BASECAMP, TRELLO, RACI, OFFICE365

**Coding & Markup Languages** - PYTHON, C#, JAVA, SQL, JAVASCRIPT, SHELL/BASH, HASKELL, DART, C, C++, HTML/XML, CSS, VERILOG, RUBY, ARDUINO, PERL

**Concepts, Libraries and Frameworks** - DATA STRUCTURES, OOP, DP, FLUTTER, REACT, JQUERY, ASP.NET, BOOTSTRAP, KENDO, FLASK, MONGOOSE, EXPRESS

**Software Tools** - FIGMA, GIT, GOOGLE CLOUD PLATFORM, FIREBASE, MONGODB, BIG QUERY, SVN, UNITY, AUTODESK MAYA, ANDROID STUDIO

## Relevant Projects

### Arusi | JAVA AND ANDROID SDK MUSLIM CONNECTIONS APP

PROJECT MANAGER AND DEVELOPER (PERSONAL STARTUP/INITIATIVE)

- Back-end (Java), front-end (XML) in Android Studio. Designed UI/UX.
- Google API's (Sign-In, Location, etc). Firebase storage & authentication.

### SkillTraders | REACT.JS NETWORKING SITE (COVID-19 RELIEF)

FULL-STACK SOFTWARE ENGINEER (PARTNER PROJECT)

- Handled front-end React components, such as Reviews, Ratings, Sidebar.
- Handled user authorization/sessions and login/registration with Express.

### ModernModular.js | DOM ELEMENT WIDGETIZATION JS LIBRARY

FULL-STACK SOFTWARE ENGINEER (PERSONAL PROJECT)

- JS Library to widgetize, animate, customize content in the DOM view. Created site with HTML, CSS, JS. Deployed with Heroku and Express

### Admission & Honour Role Scholarship

H.B.Sc, COMPUTER SCIENCE

Sept. 2017 - Present

- Received entrance scholarship of \$3.5K with annual renewal of \$2K.

### RBC 2020 Innovation Challenge

"RBC VIRTUAL BRANCH" PROJECT - 2ND PLACE BEST APPLICATION

May 2020

- Framework and HiFi prototype for a virtual banking application using AR.

### QHacks 2020

ROLL-E - BEST GREEN HACK

Feb. 2020

- Created an autonomous recycling waste manager using machine learning.

### UofTHacks 2020

WORDS WITH STRANGERS - BEST APP ON TODA

Jan. 2020

- Web multiplayer word-choice game using sockets, Firebase, and TODA service.