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MUHAMMAD ABDULLAH

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EDUCATION

Toronto, ON	University of Toronto	Graduation Date: 2023/05/01

- Major: Civil Engineering, B.S.E; Minor: Machine Learning
- Programming Coursework: Applied Fundamentals of Machine Learning, Fundamentals of JavaScript, Computer Fundamentals in C, Computer Fundamentals in Python, MATLAB, Algorithm and Data Structures

Languages and Technologies

C; Python; HTML, CSS, JavaScript, React, Node.js, Express, GitHub, MongoDB, NoSQL, MATLAB, AutoCAD

SOFTWARE PROJECTS

QuickReceipts – Hackathon Project, HackTheNorth   **https://bit.ly/2Ym5M7o**
- Built an iOS app in React Native that scans QR code of receipts and stores it virtually on user's phone
- Designed the logo and layout of the app on Figma and implemented using React Native
- Implemented scroll view component in React Native to seamlessly scroll in the app and the camera component that enables the scanning procedure
- Collaborated with the team effectively and deployed the application on Heroku within 24 hours
- Utilised: React Native, HTML, CSS, JavaScript, Expo, Figma, GitHub, Vs code

CryptoPriceTracker – React Web App   **https://bit.ly/3F8bNEb**
- Web app that shows Crypto coins price, volume, market cap and all other essential information
- Search bar that filters the list and shows only the crypto coin selected using coingecko API
- Utilised: React, HTML, CSS, JavaScript, Figma, GitHub, Vs code, deployed on Github pages

Abdullah's Workspace - Google Chrome Extension.   **https://bit.ly/3mmFH13**
- Built a chrome extension with HTML, CSS, and JS to easily access my personal university websites to boost my productivity and published it on Google store

ExamCompanion – Voiceflow app   **https://bit.ly/3o7uCkb**
- A voice assistant built in Voiceflow to help students learn better by quizzing them on given topics and keeping a score of their correct answers; deployed on Google Cloud

Leadership/Volunteer Experience

Team Leader	Eng. Strategies & practices project, U of T	Winter 2020-Spring 2020

- Spearheaded a team of 4 multidisciplinary students to create a safer pedestrian crossing technology in the GTA (greater Toronto Area) for an independent client.
- Conceptualized a system of Infrared detection signal system to use infrared energy to alert non-compliance pedestrians through visual and audio indicators.
- Collaborated to keep team members aware of progress, while offering updated information.
- Participated in client and team meetings and offered a positive presence and outlook, provided constructive feedback where needed.
- Prototyped a visual demonstration of the design in under 3 days and presented to a panel of experts

Team Member	Eng. Strategies & practices project, U of T	Winter 2019-Spring 2019

- Collaborated with team members to produce creative designs for handling food delivery orders at POS desk
- Evaluated alternative designs based on environmental impacts, durability, and safety
- Presented the prototyped design to the client in a 20-minute PowerPoint presentation, to receive constructive feedback and ensure customer satisfaction