

# Ferdous Mahmud Akash

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## EDUCATION

**Northern University of Business & Technology**, Khulna — *Bachelor*

September 2019 - Current

- Pursuing Bachelors in Computer Science

**Udemy**, Udemy.Com — Web Development Certification

December 2019 - April 2020

- Completed a beginner to advanced Web Development course guided and taught by online mentors on the Udemy platform

## PROJECTS *(Other projects listed on GitHub)*

**Echo4Education** — *Alexa App*

- Developed as an Amazon Alexa App
- Architected with NodeJS and AWS
- Developed using the Blackboard Learn API
- Allows teachers to manage their classes, grades, and students on blackboard API all with their voice

**qMe** — *iOS App*

- Developed as an iOS Application
- Architected using the Spotify API, Apple Music API, Soundcloud API, Snapchat's Snapkit, Google's Firebase, Backend with NodeJS
- Allows users to queue songs to playlists at parties to whoever's phone is currently playing music

**Jolt** - *iOS/Web App*

- Developed as an education platform Built with websockets, Rest API, GoLang backend, React Frontend, Swift for iPad App
- Architected for the purpose of collaboration between students
- Developed for Teacher's and Student's
- Allows Students to work in groups on problems assigned by the teacher in real time with other students

**PizzaWithAlexa** - *Alexa App*

- Developed as an amazon Alexa app to order pizza from the Domino's pizza API
- Architected for the purpose eating when you're hungry
- Developed for people who want pizza, and to learn how to create a simple Alexa skill with third party modules

## Programming Languages

Javascript

Swift

Ruby

Python

C#

TypeScript

HTML

CSS

## Frameworks/ Libraries

React

Redux

MongoDB

Mongoose

React-Native

NodeJS

ExpressJS

Cocoa Touch

Bootstrap

Semantic UI React

Native Base

## AWARDS

1st place at Hack GVSU 2018

Best entrepreneurial hack at Hack Illinois 2018

Best hardware hack at Spartan Hacks 2018 (MSU)

Best first hackathon hack at Spartan Hacks 2018 (MSU)

## TOOLS

Git

Photoshop

Xcode

Sketch