



Ibtida Bhuiyan

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Education

University of Michigan — Ann Arbor

GPA: 3.50/4.0; Bachelor's of Science in Engineering, Computer Science; Graduating April 2021

Relevant Coursework (* indicates the course will be completed by the end of the Fall 2019 Semester)

Web Systems, Data Structures & Algorithms, Foundations of Computer Science, Computer Organization, *Computer Networks, *Databases

Skills

Strong: C/C++, Python, Full-Stack JavaScript (Node.js & React.js), REST

Knowledgeable: Git, MySQL, Express.js, Flask Framework, Deployment (Heroku & AWS)

Employment

Valet Supervisor, First Class Valet — April 2018 - Present

- Worked as an on-call employee and supervisor at 30+ locations to ensure smooth operation, servicing 25+ cars per shift while upholding the company's reputation for outstanding service.
- Encouraged teamwork amongst employees through designating roles to individual valets, resulting in an increase in efficiency of services and leading to higher customer satisfaction.

Barista, Biggby Coffee — June - August 2016

- Learned how to effectively manage a cafe by taking care of day-to-day functions at the Biggby location including opening, closing, taking inventory, and filling orders independently.

Projects

Personalized Playlist Maker (Spotify Extension) - Designed, built, and deployed an interactive web app that allows users to generate new playlists using their top tracks, artists, and genres as seeds.

Built With: Node, React, Material UI framework, Spotify Web API, Heroku

GitHub Repo: <https://github.com/ibhuiyan17/spotify-ppm> **Link:** <https://www.spotify-ppm.com>

Star Pharmacy Website - Designed a company website for my father's personal pharmacy.

Built with: WebsiteBuilder.com

Link: <https://starpharmacy-mi.com>

Instagram Clone - Utilized modern web technologies to replicate an early version of Instagram.

Built with: Flask, React, HTML/CSS, MySQL, AWS

MapReduce (Hadoop) - Implemented the mapreduce programming model in Python to simulate distributed computing of big data by one master and multiple workers.

Built with: The Python threads, processes, and socket libraries

Extracurricular Activities

Michigan Hackers — September 2018 - Present

- Regularly offered productive suggestions at weekly hack nights and web team meetings for new features as a dedicated core member of the organization.
- Taking an active role in teaching and learning from other members during weekly Data Structures and Algorithms LeetCode brain teasers.

AMDA, Sterling Heights — September 2012 - Present

- Took a leadership position in planning and executing a picnic fundraiser for the mosque and overseas charity foundation, Poriborton, in the Spring of 2017.
- Volunteered at various soup kitchens around Detroit, taking on the role of cooking and serving food to homeless people in the area.
- Periodically cleaned roads with the Adopt-a-Road program organized by the Road Commission for Oakland County to help support the goal of maintaining a clean environment.