

# BOBBY DHANOOAL

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## EDUCATION

BS Computer Science | Rochester Institute of Technology 📅 2021-2026

## EXPERIENCE

Software Engineering Intern | IBM 📅 June 2022 - August 2022

- Built REST services for a back end project using express
- Built a front-end application in react utilizing back end services
- Developed unit tests for project code for front end and back end services
- Built front end web application leveraging HTML, CSS, React and material UI

React HTML CSS Javascript Express

Web & Email Technologist | RIT Univ. Advancement 📅 Jan 2022 - Dec 2022

- Performed development tasks and content updates to the Alumni and Giving websites using Drupal.
- Used Email Portal Requests given by other team members to create and process communication emails and email lists.

Drupal HTML CSS Blackbaud Airtable

## PROJECTS

AutoOrder-API | Bobbykdhan/AutoOrder-API

- Built services following a REST model for my previous project AutoOrder
- Allows users to order food using HTTP requests instead of the command-line
- Fully containerized using Docker

Python FastAPI Imgur-API Docker

Tiger Pay | Bobbykdhan/TigerPay

- Created a mobile app that allowed RIT students to onboard their Tiger Pay card on to their Apple Wallet

Swift Python FastAPI MySQL Beautiful Soup Python Imaging Library

IBM To-Do List | Bobbykdhan/IBM-To-Do-List

Created a web site in React that:

- Stored a list of to-dos
- Authenticated the user
- Saved the to-dos to a JSON database.
- Was packaged to be deployable on a Docker Container

React HTML CSS Javascript Express Docker

## Machine Learning Study

- Learned how to establish databases and download historical info of stock data using yFinance, Pandas, Numpy and TensorFlow in Python.

Python Pandas Numpy Tensorflow

## LANGUAGES

HTML Java Python JavaScript

Swift CSS Apple Script C

LaTeX MySQL

## FRAMEWORKS

React React Native

Drupal Selenium Playwright

Docker

## LIBRARIES

Pandas Numpy

Tensorflow Express

## TECHNOLOGIES

Square Stripe Unreal Engine

Unity Engine Web Automation

## ACTIVITIES

Computer Science House |  
csh.rit.edu

- Special Interest Group of Computer Science, Computer Security and other technical students.
- Weekly educational seminars and social events

## AWARDS

IBM Software Developer  
Badge | Credly.com

Awarded to those who demonstrate a deep understanding and skills in the following programming competencies:

- Data Structures and Algorithms
- Front End and Back End Development Fundamentals
- Versioning
- Application Security
- Project Management