DHRUVA BHAKTA

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EDUCATION

Bachelor of Science in Computer Science – Software, Systems and Networks, University of North Carolina, Dec 2021-Present/ Relevant Coursework: Software Architecture/ and Design, Data Structures and Algorithms, Software Engineering, Web/Application Design and Development, Database Design and Implementation, Computer Architecture, Statistics, Operations/Research Deterministic Models

Ronald Reagan High School, Pfafftown, NC   Jul 2013-May 2017

SKILLS

Languages	Java, C, JavaScript, Python,
Web Development	HTML, CSS, JavaScript
Other Skills	Google API, NodeJS, ReactJS, Bootstrap, GitHub, Microsoft Office

EXPERIENCE

Resident Advisor - University of North Carolina at Charlotte   Aug 2019-Jul 2020

Hunt Hall, UNCC   *Charlotte, NC*

- Helped keep residential halls resident friendly/resourceful. Updated the boards to keep residents informed of events.
- Organized events for residents to get to know them better/help them access resources. Helped residents feel safe at their residence spaces/Inspect spaces/furniture to make sure they comply with rules.

Desk Assistant – University of North Carolina at Charlotte   Aug 2018-May 2019

Belk Hall, UNCC   *Charlotte, NC*

- Helped organize the desk resources for residential building. Kept track of Keys being checked out/inn.
- Helped solve residents' issues by guiding them to the appropriate resources. Develop a sense of community in the resident Halls

Assistant and Medical Intern- Wake Forest Baptist Health   May 2018-Jul 2018

Wake Forest Baptist Hospital   *WinstonSalem, NC*

- Volunteered at different departments of the hospital, such as pharmacy, cardiovascular, heart care, cancer center etc., and oversaw the staff, helping them through various activities such as keeping track of patient files, helping log information in the database, and helped with the computing system in the hospital.

PROJECTS

UNC-Charlotte Research Connect (Fall 2021)

Technologies Used: HTML, CSS, NodeJS, JavaScript, Python, SQL.

UNC Charlotte has a vast collection of research/data that has accumulated over the course of time. Every year, students and faculty members add new studies and data to the collection. Currently, there is no method of sorting and viewing researchers on their topics.

Created a website that amalgamates, summarizes, and organizes the topics present in this huge body of research according to each researcher, which includes the topics they researched as well as their interests and capabilities. Website uses web scraping to collect data from various UNC Charlotte websites (e.g. Atkins, CCI, etc.) and create a visualization of the data for each researcher. Additionally, a web scraping bot that frequently updates with new data was created for updating data.

Grocery Cart Simulator (Spring 2021)

Technologies Used: Object-Oriented Programming- extensively using Java(OOPS, Lists, Loops, If-Else, Arrays, Conditionals)

Created a grocery cart simulator, that allows customers to select products, and enters the products in a cart, helping them at checkout with their correct total bill for the shopping visit, and a recap of all the items purchased.

'Learn.com'- Interactive Web Application(Summer 2021)

Technologies Used: HTML, CSS, JavaScript, jQuery

Created an Interactive Web Application that incorporates HTML, CSS, Java Script, jQuery, and interactive elements of design. Learn.com is a web application hosting the business by the name of 'Learn,' a business that aims to teach students to code, and help businesses reach tech-talent, by creating an interactive interface for both to meet.