Eshetu Wekjira

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**EDUCATION:**

**University of North Carolina at Charlotte**, Charlotte, NC | May 2023

Bachelor of Science in Computer Science | Concentration: Software, Systems and Networks GPA:3.83 overall; 4.0 in major (based on a 4.0 scale)

Honors: Chancellor’s List: Spring 2021-Spring2022, Dean’s list: Fall 2021

**TECHNICAL SKILLS:**

Languages: Java, C++, C, Python, MySQL, HTML, CSS

Programming Tool: Eclipse, NetBeans, Junit Testing, Virtual Machine, Visual studio code, Git

Operating System: Linux, Unix, Microsoft Windows, Ubuntu

**WORK EXPERIENCE:**

**Community Kitchen Program (CPK), a nonprofit Organization**

Website Designer (Voluntary), Charlotte, NC Feb 2021 -July 2022

* Edited the website for different events prepared by the community kitchen program
* Developed website pages using HTML, CSS, and JavaScript
* Managed and organized web pages

**COURSE PROJECTS:**

Product Testing, Software Engineering (ITSC-3155) Spring 2022

* Designed and drew storyboard, user case, data flow, and enhanced entity-relationship diagram using x-adobe and draw.io applications
* Developed low-fidelity prototypes and high-fidelity prototypes and tested them
* Framed the website using Python for the product result
* Visualized the data using software Python and Excel
* Collaborated work with a group on GitHub and Agile

Design and implement a database for the hospital, Database Design, and Implementation (ITCS3160) Spring 2022

* Designed and drew an enhanced entity-relationship diagram
* Mapped a relational diagram, developed a database schema, and populated a database
* Wrote queries including triggers and views and created relations (tables) using MySQL

Message Passing Interface (MPI) and OpenMP, Parallel and Distributed Computing (ITCS 3145)

Spring 2022

* Used Linux commands and wrote C++ programming code on the ubuntu operating system for parallel computing
* Checked the performance of parallel computing in OpenMP
* Determined shared memory parallelism and observed the speed of different core and thread numbers

Inheritance Policy Insurance, ITSC 1213-Introduction to Computer Science II Fall 2020

* Wrote program using Java and created class, method and aggregated it to the main class
* Tested how the programming works from the customer side