

Nirma Perera

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Education

Hunter College, the City University of New York

Bachelor of Arts in Computer Science, Minor in Mathematics

May 2019

Related Courses: Software Analysis and Design, Discrete Structures, Computer Architecture I and II, Calculus, Operating Systems, Networking and Security, Advanced Networking and cloud.

TECHNICAL SKILLS

Programming Language:

C++, Node JS, HTML/CSS, JavaScript,

Frameworks:

React Js

Databases:

MySQL, MongoDB

Operating System:

Linux, Macintosh OS, Windows

Other Tools:

Microsoft Office, Excel, GitHub

ACADEMIC PROJECT

Wine Recommendation (Python, HTML, SQL, React Js)

06/18-08/18

The team's objective was to create a web application that recommends wines based on a user's preference of wine attributes(e.i., type, region) from the database of thousands of wines so that a user can find a proper wine for their tastes. In the team, I specifically worked on the front-end of the web application.

GENI Projects

02/18-05/2018

Used the virtual Laboratory to perform networking labs in hopes of learning the basic operation of basic Ethernet switch or bridge, designing subnets, finding the shortest path using Dijkstra's path, and conducting traffic analysis.

Enzyme Recognition (c++) ,

10/17

Worked with a real world data set and constructed a generic test routine for comparing several different implementations of the tree container class.

EXPERIENCE

Jose Celso Barbosa - MS 206

8/17-05/18

CUNY Tutor Corp

- assist eighth grade students in math and computer science
- motivate young students to participate in STEM learning
- collaborate with teachers to create lesson plans

New York Public Library

9/16-12/17

Enrichment Zone Tutor

- Worked one on one or in small groups of students to provide tutoring in math, english, and science.
- Created detail reports of the tutoring sessions, achievements, and any concerns

ACTIVITIES

Hunter Inter-varsity Christian Fellowship, *Member*

9/15-Present

Member of NYPIRG Hunter College, *Member*

9/16-Present

Hunter College Women in Computer Science Club, *Member*

2/16-Present

SKILLS

Fluent in conversational singhalese