

Sroeunchamroeunphal (Phal) Huon

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PROFESSIONAL SUMMARY

Full-time data analytics student continuing to develop expertise in programming languages, data structures and analyzing data. Working in areas of complex problems is a great motivator to keep learning and persevere through difficult challenges.

EDUCATION:

Bunker Hill Community College, Charlestown, MA
AS in Data Analytics Transfer Option; GPA 3.86

Expected Graduation December 2024

Related Coursework:

- Calculus I & II
- Physics/Lab
- Statistics
- Intro Big Data w/R&R Studio
- Python Programming
- Data Visualization
- Decision Support Using Excel
- Operating Systems
- SQL Programming
- Statistics

WORK EXPERIENCES:

ACE Mentor (Achievement, Cultural Competency and Engagement): BHCC Aug 2023 – Aug 2024

- Focus on helping students in CIT class to succeed in doing course works and projects.

Mathspace Tutor: BHCC Aug 2023 – Present

- Assist students in doing mathematics homework and prepare them for exams.

Certificate and Participations:

HackBHCC: Spring 2024

- Created a project that engaged people around the campus to share past study materials or notes and post it to our website.

Red Hat Academy – Program Learner Spring 2024

- Participated in an Operating Systems class for the whole semester based on Linux OS.

Massachusetts eHealth Institute Mentee (MeHI): September 2024 - Present

- Worked on a Health IT project assisted by a senior developer

VOLUNTEER WORK:

Jumpstart – Children First: BHCC Feb – May 2023

- Organized study materials and packages once a week.

New Students Convocation: BHCC August 2023

- Introduced new international and local students to programs provided by school.

Community Servings: Jamaica Plain, MA October 2023

- Prepared meals in the kitchen for ill people.

TECHNICAL SKILLS/PROJECTS: <https://github.com/PhalHuon/Class>

Personal Project: Self-taught HTML, CSS and a bit of JavaScript to create a personal portfolio to display other projects

Python Programming: The course revolves around the introduction to using Python which involves computational thinking, creating program using loops, functions, data structures and object-oriented programming.

- **Project:** Used datasets from the internet to clean and created graphical visualization.
- **LeetCode:** Solved questions related to data structure such as binary search, queue, stacks, arrays, hash tables, two pointers, back tracking. Database SQL questions were also done but focused more on Python.

C++ Programming: The programming language learned through edX (a free online course) and in person college course.

R Programming: The course required us to import raw data into the IDE – R Studio – and do statistical computing and data visualization to analyze large quantity of data. Used mainly tidyverse, ggplot, loops, functions, lubridate.

- **Project:** Imported COVID-19 raw data from Github years 2019-2022 from all US states and merge all of them to create a massive data which was used to plot graph (ggplot) showing the trend of death and confirmed cases.

SQL Programming: The course focuses on manipulating database using MySQL Workbench to create database, tables, write data into the table, filter, and create functions.

LANGUAGES:

Fluent in English and Khmer.

