

Nikki Phach

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I am a first-generation student motivated to express myself creatively with software and, in doing so, realize a vision that has a meaningful impact on its users. Collaborating within a team and exploring diverse challenges are goals I hope to achieve in our work together.

Education

University of Massachusetts Boston

B.Sc. in Computer Science

Boston, MA
(expected May 2024)

- Intermediate Computing (Java)
- Applied Discrete Mathematics (\LaTeX)
- Programming in C (C Lang)

Projects

Simple Banking Application • University of Massachusetts Boston Fall 2022

- an application written in C that allows client to log in with a username and password and perform simple banking operations (deposit, withdraw, check balance)
- utilizes socket programming to enable server to handle multiple connections
- uses a Caesar cipher to encrypt information between server and client

CS50x Introduction to Computer Science • Harvard University, edX Fall 2020

- self-paced course introducing concepts such as computational thinking, data abstraction, algorithms and data structures
- programmed in Python and C to solve counting, sorting and logic problems

Web Administrator 2012 - 2016

- created sign up forms and organized community data
- designed in CSS and HTML

Work Experience

Waitress and Line Cook 2015 - 2022

Newport Creamery, Mokban Korean Bistro, Balance Patch

- communicated with customers and restaurant staff
- prioritized tasks by urgency and importance
- applied conflict resolution skills