

VICTORIA MUNROE

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EDUCATION

University of Massachusetts Lowell

Bachelor of Science in Computer Science

Relevant Coursework: Mobile App Development, Discrete Structures I-II,

Computer Architecture, Computing II-III, Logic Design, Probability and Stats, Organization of Programming Languages

Lowell, MA

May 2024

3.88

MassBay Community College

Coursework in Computer Science

Relevant Coursework: Software Design, Website Development

Wellesley, MA

Sep 2018-May 2020

Overall GPA: 4.0

PROFESSIONAL SKILLS

Programming Languages: Java, C++, C#, Python, C, Assembly

Web Development: PHP, MySQL, HTML

Technical: Source control, Github, DevOps cycle

Applications: Microsoft Excel, Word, PowerPoint, Outlook

MEMBERSHIPS

Academic Societies: Honors College UMass Lowell, Phi Theta Kappa Honor Society

Professional Memberships: Association for Computing Machinery-Women

PROJECTS

Evil Hangman in C

Fall 2020

- Created interactive text-based game akin to Hangman over the course of a semester.
- Used self-balancing AVL tree with vectors and custom string struct to maintain a dictionary.
- Utilized these data structures to deceive the player and gain the upper hand.

Pet Store Commerce Website

Spring 2020

- Designed and developed in HTML a simulated pet store that connected a MySQL database inventory via PHP to manage orders and inventory.
- Incorporated functionality to connect customers with customer service using a built-in form.

Multiplayer Game

Fall 2019

- Developed a two-player game using standard GUI elements in Java including buttons and action events.

EXPERIENCE

ASMPT Nexx

Billerica, MA

Software Engineering Co-op

January 2022-Present

- Helped lead and organize implementation of DevOps system for building and continuous testing for company's software development cycle
- Responsible for creating on-boarding and training documents for future employees and co-ops.
- Created a program to parse years of XML files and create a database of all relevant data that can be accessed via a Tkinter based GUI

CatAllyst, Inc.

Needham, MA

Intern

Summer 2020/ February 2021-November 2021

- Responsible for maintaining and updating Python code used to extract and organize pharmaceutical data.
- Researched, analyzed, and harvested background data for biotech corporations via manual methods and through custom built python code

Geocomp Corporation

Acton, MA

Production and Sales Support Specialist

May 2016 – Jul 2018

- Researched bidders' lists for upcoming proposals and assisted in launching new a CRM platform for BusDev team.
- Led re-organization efforts that resulted in the production department passing audit for the first time in 3 years.
- Assisted engineering department with the release of technical reports to both private and governmental agencies.
- Trained new administrative staff on administrative, accounting and data management practices.
- Planned, organized, and aided the leadership team, including international travel arrangements, quarterly meetings, exhibitions for conferences, Certificate of Insurance requests, purchasing and shipments.