

Quincy Bush

Recent graduate with a passion for providing solutions and support to those in need. Looking to develop a successful career by leveraging skills in client based services alongside the knowledge and experience acquired from academia, currently seeking a position fostering development and growth within the company for a successful career.

(507)884-9868

Quincy.m.bush@gmail.com

<https://www.linkedin.com/in/quincy-bush/>

EDUCATION

Marquette University | Bachelor of Science : Computer Science (Transferred)

- **Relevant Coursework:** Obj. Oriented Soft., Calculus 1&2

University of Minnesota | Bachelor of Arts : Computer Science

Dec 2023

- **Relevant Coursework:** Intro: Algorithms & program dev., Intro: Operating Systems, Intro: Art. Intelligence, Intro: Probability & Statistics, Disc. Structures, Elem. Computational. Linear Alg., Machine Arch. & Organization, Adv. Programming Principles, Algorithms. & Data Structures, Computer Arch., Prog. Design & Dev, Programming Graphics & Game

EXPERIENCE

Front of House Captain

Aug 2021 - Present

Surly Brewing Company | 520 Malcolm Ave, Minneapolis, Mn

- Specializing in customer service, work with and lead a team of confident and efficient front of house employees in general front of house operations and complete other duties as required of a shift leader. Including:
 - >Assisting FOH employees with running food and beer, waiting tables, serving and seating guests.
 - >Ensuring shifts begin and conclude with an efficient opening and closings.
 - >Ensure that FOH maintains a proper workflow.
 - >Work with other captains and management with day to day and long term planning and operations between FOH & BOH.
 - >Facilitate communication across Surly, adapting to changes to scheduling, menus, utilities and equipment.
 - >Provide solutions and quality assurance to guests and coworkers across day to day operations.

Food Service Utility

Aug 2018 - Aug 2021

Saint Mary's Hospital | 1216 2nd ST. SW, Rochester, Mn

- Ensure that guests have their food delivered in a timely and efficient manner across Saint Mary Hospital and Invoke a welcoming & comforting environment for guests and coworkers.
Responsibilities included:
 - >Helping to maintain a clean, safe, functional and efficient workspace for hospital food service staff.
 - >Learn and maintain different positions on the floor as needed, adjusting for workflow and staffing needs.
 - >Positions held include: Host, Expo, Middle, Starter, Back Storage, Storage, General Utility 1-3, Dish 1-4.

PROJECTS

Puzzle Box /Bomb Defuse

Spring 2022

Machine Arch. & Organization| University of Minnesota

- Solved a series of puzzles by effectively debugging by executing the GNU project debugger to successfully defuse the bomb at various stages requiring:
 - >Strong analytical and problem solving capabilities.
 - >Independent research and development on well known and personal troubleshooting methodologies to find and correct program errors.
 - >The ability to analyze and correct incorrect code and program logic in a given program.

SKILLS

- Writt. & Verbal. Communication
- Conflict Resolution
- Crit. and analytical thinking
- Time management
- Decision making,
- Patience and Flexibility
- Technical leadership and teamwork
- Decisiveness
- Continuously learning mindset
- Accountability
- Self-motivation
- Experienced in
 - Data visualization,
 - Object Oriented Programming
 - Unified Modeling Language
 - Computer and machine Architecture
 - Instr. Set Architecture
 - Mathematics and Discrete structures
 - Advanced Programming Interfaces
 - Virtual Machines and emulation
 - Integrated Development Environments
- Experience with
 - HTML & HTML5
 - Python
 - MySQL, PHP
 - Java, JavaScript, Typescript
 - C, C#, C++, CSS
 - Verilog, R
 - GNU project Debugger
 - Computer Architecture
 - Instruction Set Architecture
 - x86-64 assembly language
 - Docker, GitHub, Microsoft Office

- > Knowledge of x86-64 assembly language and flags to find and replace incorrect commands.
- > The proficient use of C and x86-64 assembly language.

Drone Rideshare/ Driverless Uber

Fall 2022

Program Design & Development| University of Minnesota

- Developed an interactive 3D simulation for an rideshare application using a drone or driverless vehicle requiring:
 - > Collaboration between a team to deliver the project in a timely manner, working individually and in scheduled collaboration.
 - > Proficient knowledge and use of Data types, network ports, file management, and integrated development environments.
 - > Proficiency in analyzing and correcting errors in programming and program logic.
 - > Use of project development methodologies in conjunction with Unified Modeling Language (UML), Object oriented design. Abstract data types with cohesion & coupling.
 - > The use of C++, JavaScript, HTML, GitHub, and Docker.

Hardware/Software Optimization

Fall 2022-Fall 2023

Machine Arc. & Organization/ Computer Architecture/Intro: Operating Systems| University of Minnesota

- Implemented various hardware and software optimization in conjunction with coursework requiring:
 - > Knowledge in Hardware and/or software specifications and capabilities.
 - > Knowledge of Memory mapping and hierarchy
 - > Knowledge of instruction set architecture and assembly language
 - > Hardware architecture and software logic execution.
 - > Knowledge in methodologies of improvement in computer architecture, such as pipeline execution.
 - > The proficient use of C, C++, Linux, and Verilog.

Versatile Personal Desktops

Fall 2018-Present

- Designed and configured initially low budget, low end yet large scale desktops to process large graphical and procedural computations for coursework or gaming purposes. Designed such that:
 - > Allow for efficient and easy upgrading and augmentation of computer hardware
 - > Taking specific requests from family and friends to meet specified hardware or benchmarks needs
 - > Initially and on occasion produced errors and/or faults with installation of hardware and software, implementing troubleshooting methodologies to identify and correct software and hardware complications.

Commemorating Data Processing & Software Engineering Program

Summer 2013-Present

Black Data Processing Associates, Southern Minnesota Chapter, 2013

- Computer coding program, initially attended from 2013 to 2015 as an opportunity to be given the necessary knowledge needed to further succeed in computer science. Thus following said program and in pursuit of education, afforded the necessary skills and resources for a successful career by providing:
 - > Experience with HTML, CSS, Javascript, PHP, MySQL to revisit alongside academic work
 - > Self-paced labs providing examples of common tasks done in several coding languages
 - > Detailed projects providing the transferable skills and knowledge in preparation towards applicable careers such as:
 - Database Administrator : Executing SQL Commands and coding in PHP to create databases, tables, users, update and insert records and assign authorities & privileges.
 - Full Stack or Front-End Web Developer: Coding in CSS, HTML, and Javascript to create responsive & interactive websites, utilizing front & back-end programming knowledge to program browsers servers and databases.
- <https://bdpa.site-vm.com/>
- <https://betf.blogspot.com/2013/11/bdpa-southern-minnesota-sites-program.html>