

Elias Chamma

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WORK AND PROFESSIONAL EXPERIENCE

Hobson Memorial Union - BSU

Hobson Building Manager

Building Assistant

Bemidji, MN

May 2023 – Present

September 2022 – May 2023

- Staff the building shop, handle customer service inquiries, and manage inventory data
- Organize and plan community events for residents alongside student organizations and committees

Bemidji State University

Residential Assistant

Bemidji, MN

May 2023 – December 2023

- Coordinate academic study plans with residents and follow up on plan progress throughout the semester
- Staff the duty phone and run mental health checks on residents determined by the school clinic or administrative staff

Alumni Relations Assistant

September 2022 – November 2022

- Communicate with school alumni regarding donations, alumni events, and relevant organization activities

DigiKey

Shipping Associate

Thief River Falls, MN

December 2021 – April 2022

- Use PROD software to set up shipments and handle progress issues with Fedex, UPS, USPS, and DHL
- Classify items for static and non-static handling, assist with picking items for packages when understaffed

EDUCATION

Bemidji State University

BSc in Computer Science, Minor in Mathematics

Bemidji, MN

August 2022 – Expected December 2024

- **Achievements:** National Society for Leadership and Success, President's Honor Roll, Dean's List
- **GPA:** 3.86
- **Student Organizations:** Computer Science Club, International Student Organization

Oakland Community College

AA in Liberal Arts

Waterford, MI

August 2019 – May 2021

- **Achievements:** Phi Theta Kappa Honor Society, Summa Cum Laude
- **GPA:** 3.87

ACADEMIC AND EXTRACURRICULAR PROJECTS

Academic Projects

Banking Application

February 2024

- Create a simulated web-based banking application using PHP, HTML, and CSS
- Program account and account transfer functionality using post requests and sessions between PHP and HTML

Feasible Applications of Quantum Computing in Varying Fields – Academic Conference Paper

December 2023

- Evaluate the potential impact of Quantum Computing on various aspects of High-Performance Computing
- Research subjects such as Quantum Processing Units, In-Sequence Processing, and Accelerators

Airfare Data Analysis

December 2023

- Use SQL to clean domestic flight price data from major US airlines in Microsoft Access Database
- Employ multi linear regression analysis to create a price prediction model based on dates, airlines, and airports

Extracurricular Projects

Web Scraper to My SQL

December 2023

- Develop a web scraper using Python to transfer country names from Britannica into a MySQL Database
- Assign randomized meal types to each country with Python and SQL for an international cooking project

SKILLS AND CERTIFICATIONS

- **Programming Languages:** C#, PHP, HTML, CSS, JavaScript, Python, SQL
- **Skills:** Microsoft Excel, Word, PowerPoint, Google Firebase, Microsoft Access, Microsoft Visual Studio Code
- **Languages:** English, Arabic
- **GitHub:** github.com/Echamma