

Broc Mathews

Ogden, UT 84403

www.linkedin.com/in/Broc-Mathews

EDUCATION

Weber State University School of Computing-- Ogden, UT

Bachelor of Science

August 2024

Major: **Computer Science**, Minor: Spanish

GPA: 3.73

Certificate of Proficiency in Programming Essentials: April 2023

Associate of Applied Science in Computer Science August 2023

High Honors Award: Spring 2021, Summer 2021, Spring 2022, Summer 2022, Fall 2023

Relevant Coursework

Scripting Languages, Operating Systems, Object Oriented Windows Applications, Advanced Database Programming, Human Computer Interaction, Web Development with .NET, Software Engineering, The Internet of Things

EXPERIENCE

Northrop Grumman, Roy, Utah

Software Engineer Intern

May 2023 – Current

- Implemented an automated data transfer system from Microsoft SharePoint to a SQL server, utilizing tools like Power Automate and Python for efficient data collection and manipulation before transmission to the server.
- Created a data optimization algorithm in support of the logistics organization's desire to streamline their goods movement location strategy.
 - Prior, product was shipping to 50+ diverse locations. After optimization, shipments can be realigned to the 6 distribution hub locations for quicker material receipt processing and inventory management. Over 5,800 lines items and \$4B in product analyzed.
- Participate in the creation and upkeep of 10 Power BI dashboards used by various sectors across the company.
 - Write SQL queries to efficiently pull necessary data.
 - Automate dashboards to automatically refresh data.
 - Correct numerous errors in pre-existing algorithms to ensure accurate data delivery.
- Assist in the implementation of a SQL server.
- Assist in the transition from Power BI to Tableau, requiring the quick and efficient learning of new skills.

Morty's Car Wash, South Weber, Utah

Associate

May 2022 – May 2023

- Work on the creation and continued upkeep of the company website.
 - Ensure user-friendly environment.
 - Maintain up to date company information.
- Exemplify exceptional customer service.
- Inspect and maintain company assets to ensure 100% uptime.

Weber State University, Ogden, Utah

Lead Testing Proctor

October 2020 – May 2022

- Monitor students during testing to ensure that all testing center policies are kept.
- Provide good customer service with students and faculty.
- Check students in and out of computers with limited space available.
- Foster good working relationships with students, faculty, and coworkers.
- Work with lead proctors at other testing centers to ensure that policies are easily identified and well-kept.

Avantguard, Ogden, Utah

Alarm Dispatch Operator

July 2020 – October 2020

- Process burglar, fire, and other alarm signals quickly, accurately, and professionally in stressful situations in English and Spanish.
- Dispatch proper authorities and verify that help is on the way to responsible parties.
- Document all responses for the alarm on the computer.

LEADERSHIP/VOLUNTEER SERVICE

The Church of Jesus Christ of Latter-day Saints, Cali, Colombia

Full-time Volunteer Representative

August 2018 – March 2020

- Served as Executive Secretary to the President.
 - Oversaw the incoming and outgoing travel for volunteers.
 - Worked with the Colombian government to ensure the legal status of the volunteers.
 - Created programs to facilitate the tracking of legal status for each volunteer.
- Taught English Courses.

SKILLS

Professional Skills

C++	C#
Java	JavaScript
CSS	HTML
SQL	Python
MIPS	WPF

Personal Skills

Leadership	Fast Learner
Problem-Solving	Team Collaboration
Fluent in Spanish	Lean-Agile Methodology
Time Management	Power BI
Tableau	