JOEL BERG

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EDUCATION

A.S. Computer Science   January 2021 - December 2023
Salt Lake Community College
  3.96 GPA

B.S. Environmental Science   August 2012 - May 2016
Westminster College
  3.61 GPA

COURSEWORK

- CSIS 2440: Web Programming:
  - Created an e-commerce site with full database integration using MySQL and PHP.
- CSIS 2430: Discrete Structures:
  - Studied discrete mathematics and algebraic structures as applies to computer science.
- CSIS 2420: Algorithms & Data Structures:
  - Focuses on dynamic data structures including stacks, queues, linked lists, heaps, hash tables, balanced trees, and graphs.
  - Covers the design and analysis of efficient algorithms, including algorithms for recursion, sorting, searching and traversal operations.

TECHNICAL SKILLS

- HTML, CSS, JavaScript, PHP, MySQL
- GitHub VC
- Webpack, ES6, ES6 Modules, JS OOP Principles
- Java and OOP Principles
- Database Management
- Technical Support and Help Desk
- SQL

CERTIFICATIONS

- Software Development Certificate, Salt Lake Community College
- Computer Fundamentals Certificate, Salt Lake Community College
- Environmental Health Science License, DOPL

WORK EXPERIENCE

Environmental Health Scientist – Full Time Merit   April 2017 - May 2023
Salt Lake County Health Department – Environmental Health
- Conducted around 300 routine health inspections per year for food establishments.
- Reviewed plans for new food establishments and conducted onsite inspections for approval.
- Coordinated and conducted foodborne illness investigations.

- Conducted health inspections for temporary mass gatherings.
- Provided food safety consultations and education.
- Created reports based on local food regulation.

Computer Lab Aid – Part Time 20-30 hours per week   August 2023 - Present
Salt Lake Community College – Information Technology
- Provide technical support for students and staff as help-desk technical support.
- Utilize ServiceNow to create and maintain help-desk incidents.
- Diagnose and maintain hardware and software issues.
- Provide technical support for printers, WIFI authentication, and various computer applications.

Learning Assistant for Mathematics – Part Time 10-20 hours per week   August 2023 - Present
Salt Lake Community College – Mathematics Department
- Tutor and mentor students in a math class that I also attend with them.
- Provide one-on-one tutoring with students.
- Host group study-sessions during the end of semester.
- Coordinates and conducts training sessions once a week.

IT Support Specialist – Part Time 20-30 hours per week   August 2013 - May 2016
Westminster College – Information Technology
- Supported students and faculty with technology problems, general media, and technology rentals.
- Utilized VMWare for help-desk incidents.
- Managed user accounts and reset passwords.
- Managed/scheduled student computer lab aid employees.

PROJECTS

- GitHub: https://github.com/bergjoel93
- Weather-App: https://bergjoel93.github.io/Weather-App/
- Form-validation: https://bergjoel93.github.io/form-validation-practice/
- Date-Practice: https://bergjoel93.github.io/Date-Practice/
- Task App: https://bergjoel93.github.io/Taskr/
- Restaurant Page: https://bergjoel93.github.io/Restaurant-Page/
- Library App: https://bergjoel93.github.io/library/
- Comprehensive SQL Project for CSIS 1550: https://github.com/bergjoel93/Comprehensive-SQL-Project-for-CSIS1550

For more information on projects please see the ReadMe file in the repository. All projects were built from scratch.