Cody A. Fingerson
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EDUCATION

Bachelor of Science, Computer Science (Professional Option)
Montana State University, Bozeman, MT
Expected gradation: May 2024

SPECIALIZED SKILLS

- Languages: Java, JavaScript/TypeScript, Python, C, C++, C#, PHP

- Tools: JetBrains IntelliJ, Git/GitHub/GitLab, VSCode, MongoDB, SQL, Bash, ReactJS, ExpressJS, RESTful API development, LucidChart

RELEVANT COURSES

- Data Structures and Algorithms
- Web Development
- Computer Systems
- Software Engineering

RELEVANT PROJECTS

- **Bridger Ski Foundation internal volunteer management system**
  This solution streamlined the administrative process by enabling efficient sign-ups, confirmations, and unenrollments of volunteers. Additionally, the system provided seamless integration with the organization's volunteer reward program by allowing administrators to grant complimentary ski passes to those who fulfilled their volunteer duties.
- **Graph data structure to identify pairs of neighboring states that share a common border**
  Implemented an undirected graph data structure to efficiently map each state from the input file to an integer vertex. By utilizing this graph, the program effectively establishes edges between neighboring states that share a common border. As a result, the output file generated by the program listed each state along with its respective bordering states.
- **COVID-19 Data Analysis Program**
  Using a binary search tree, the program analyzes COVID-19 data from all countries daily, starting from the beginning of the pandemic up to 9/22/2022. Upon reading the input data from a CSV file, the program then stores the information in a minimum priority queue for each country. The top three highest daily new cases for each country are then saved and placed in a single binary search tree. To generate the output TXT file, the program sorts the binary search tree in ascending order by new cases for a single day and writes the results to the file. Each output entry contains information about the continent, country, day of the highest number of cases, total COVID-19 cases on that day, current number of COVID-19 cases on that day, and the population of the country on that day.

AWARDS

- Dean's List - 2022

WORK EXPIRENCE

Wavelength Electronics   **2022 - Present**
Electro-Mechanical Assembly Technician

- Assemble laser diode drivers with a focus on ESD safe protocols to ensure product quality and reliability.
- Utilize an operation ticket management system to document time and track progress of assigned tasks.
- Collaborate with electrical and mechanical engineers, following their instruction to produce high-quality laser diode drivers.
- Assess and fix assembly processes.
- Demonstrate a versatile skill set and the ability to work both independently and collaboratively as part of a multi-disciplinary team.

Livingston HealthCare   **2019 - 2021**
Certified Pharmacy Technician (CPhT)

- Manage and maintained four OmniCell Automated Medication Dispensing Machines, including addressing technical issues that arose on both the machine and server.
- Gained experience using Windows Server 2012R2 and active directory domain services, managing user accounts for nurses, pharmacists, EMT's, and other healthcare professionals.
- Manage and maintained information following HIPAA regulations.
- Ran reports, verify system logs, controlled substance balances, and other technical administrative duties.
- Demonstrated strong problem-solving skills by effectively troubleshooting technical issues to ensure the smooth operation of the medication dispensing system.

Walmart Pharmacy   **2018-2019**
Pharmacy Technician Trainee

- Developed exceptional attention to detail and customer service skills
- Worked alongside pharmacists and pharmacy interns to manage inventory, fill prescriptions, and engage with customers in a friendly and professional manner.
- Successfully resolved intricate insurance claims to secure patients coverage for essential medications.
- Maintained patient records and documents to ensure accurate and up-to-date information.
- Processed payments and third-party insurance claims and rejections using cash registers and other pharmacy software.