

NAT GEBREMARIAM

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EDUCATION

University Of Nevada, Las Vegas

Bachelor's of Computer Science

August 2021- December 2023

Concentration: Data Structure and Algorithms

Bachelor's of Biological Sciences

August 2015 - May 2019

Concentration: Molecular Biology & Cell Physiology

Minor: Neuroscience

TECHNICAL SKILLS

- Languages: Proficient: C/ C++, Python
Familiar: C#, Java & JavaScript, MIPS & CISC x86, HTML/CSS & SQL
- Software: Visual Studio, .Net, GitHub, Apigee, Okta, Postman, GitLab, Docker, React, Spring Boot, Vue.js
- Operating Systems: MacOS, Windows, Linux (Ubuntu)

RELEVANT WORK EXPERIENCE

SHIP.COM

October 2023 - January 2024

Software Development Engineer: Product and Dve (Internship)

- Assist team in rapidly developing user-centric software, positioning the Ship platform for tangible benefits to both business owners and consumers.
- Develop and test new platform features and maintain the existing codebase on the Ship website and microservices.
- Collaboration with the Customer Service Team to ensure user satisfaction.
- Responsible for debugging and issue resolution in addition to improving operational processes.

CREDIT ONE BANK

June 2023 - August 2023

Full-Stack Developer (Internship)

Las Vegas, NV

- Collaborated with four interns in developing microservices using Java Spring Boot, to optimize services.
- Created, designed, updated, & implemented automated testing using GitLab CI/CD for seamless code functionality.
- Created and maintained database design for data storage and processing, using microservices architecture.
- Integrating external software libraries and APIs (RPC, REST, & SQL) into existing projects.

PROJECTS

Custom Dynamic Language

- Developed a Java application allowing users to interact with a unique language via the command line.
- Supports essential programming features like while loops, if-else statements, and function calls.
- Incorporated diverse functionalities such as support for integers, booleans, and arithmetic operations.

ATM-Interface

- A bank database that acts as an ATM interface using a custom cuckoo hashing to increase look-up.
- The program will look up records, update the balance, and provide a list of transactions upon request.
- The custom hashMap accounts for collisions and dynamically resizes depending on key-value pairs.

Data Organizer

- Implemented an algorithm to process unstructured data sets. Used synthetical matching to categorize elements into distinct classes of characters, words, and numbers using a variety of sort, swap, and clustering algorithms.
- The code used a series of doubly linked nodes, with each node containing an element that could be traversed.
- Constructed the resulting organized data to be stored in a secondary database and presented in a tabular format.

WORK EXPERIENCE

Novum Pharmaceutical Research, Las Vegas, NV

October 2019 - August 2022

Research Assistant - UNLV, Las Vegas, NV

May 2019 - December 2019

PERSONAL SKILLS

- Analytical
- Innovative
- Detail-oriented when coding
- Problem-solving capability
- Strong written and verbal skills
- Creativity
- Team-oriented personality
- Self-motivated
- Adaptable and multilingual.