

Brook Gebreeyesus

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EDUCATION

Concordia College

Moorhead, MN

Bachelor of Arts in Computer Science

Spring 2024

Relevant Coursework: Data Structures and Algorithms, Web Development, Mobile Application Development, Operating Systems, Database Management, Principles of Programming languages, Computer Networks, and Principles of Software Engineering

Programming Languages: Java, Kotlin, C++, C, C#, Oracle SQL, Microsoft SQL Server, JavaScript, Typescript, HTML, CSS, PHP, and Python

Frameworks: React, Angular, .NET, Chakra UI, and Material UI

Developer Tools: Visual Studio Code, Visual Studio, Android Studio, Oracle SQL Developer, VMware, GitHub, SourceTree, Node.js, Linux, Jira, Confluence, Azure and ServiceNow

Languages: English, Amharic, Tigrinya, and Dutch

WORK EXPERIENCE

Doosan Digital Innovation America, LLC.

West Fargo, ND

Application Developer Co-op

May 2023 – Current

- Use Angular for the front-end, C#.NET for the back end, REST and Web APIs for data integration and Oracle SQL for data retrievals and optimization, delivering real-time data visualizations, access control mechanisms, and performance enhancements.
- Utilizing Apriso MES to optimize manufacturing processes, including configuration, integration, automation, and performance enhancements.
- Proficient in the creation and management of technical documentation and code across version control platforms, including GitHub, Atlassian Jira, and Confluence while utilizing Agile and Secure Software Development Life Cycle methodologies.

Information Technology Solution Center, Concordia College.

Moorhead, MN

Student Manager/Technician

May 2022 – Current

- Managing a team of student employees, providing guidance, training, and support to ensure efficient daily operations.
- Capable of installing and repairing minor software and hardware problems and Good problem-solving skills for troubleshooting related problems.
- Giving in-person, online and on phone support to customers providing great customer service skills.

UNIVERSITY PROJECTS

Computer Science Society Club Website

Aug 2023 – Sep 2023

Website Link: <https://css-website-staging.vercel.app/>

- Developed a dynamic website employing Node.js, React, Typescript, HTML, CSS, and Chakra UI with user-friendly navigation leading to increased engagement, and participation among club members.
- Used EmailJS to enhance contact form submissions on the website, automate email responses and create enhanced user communication resulting in improved user experience.

Mobile App Game: Chef's Laundry

Feb 2023 – April 2023

GitHub Link: <https://github.com/BrookMulu/Chef-s-Laundry-Mobile-App.git>

- Designed and developed a restaurant simulation game for Android devices using Kotlin, creating an immersive, and entertaining gaming experience for users.
- Utilized Android Studio and Kotlin to develop game logic, user interactions, animations and providing smooth gameplay.

ACTIVITIES

Computer Science Society, Concordia College

Moorhead, MN

Project Manager

May 2023 – Present

- Directed the proficient planning and execution of the club website.
- Employing developer tools, including GitHub and Jira, to orchestrate a structured software development lifecycle for efficient project management and successful outcomes.
- Played a pivotal role in revitalizing and relaunching the Computer Science Club by collaborating with fellow members of leadership and faculty advisors.