

SASHINTHA TENNAKOOON

Software Engineering Student
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EXPERIENCE

Software Developer Intern

May 2021 – Aug 2021

DealRockit | Toronto, ON

- Integrated a responsive design for a web application, increasing customer usability to a total of 10+ mobile devices, ranging from iOS to Android.
- Led a team of 2 engineers by running daily stand ups and communicating updates to stakeholders in order to meet set goals in a timely manner.
- Designed and completed exhaustive unit and regression testing, resolving 90% of existing bugs.
- Prepared change log documentation, outlining all functional and non-functional changes made, along with future plans to further improve the user experience.

PROJECTS

Algorhythm

February 2022

Sorting Algorithm Game

- Educational sorting algorithm game intended to teach sorting algorithms through an intuitive and musical approach.
- Built using React and hosted using Google Cloud Platform.
- Collaborated with a team of 6, working in an agile approach heavily utilizing Jira and Git to deliver each sprint.

Train Management System

November 2021

Management System Application

- Developed a train management system using JavaScript, Node, and Express to enable efficient train management for train operating companies and their employees.
- Designed and built the database structure using SQL, ensuring complex queries were performing under 50 milliseconds to provide instant data to the user.

EDUCATION

Bachelor of Engineering Science - Software Engineering

Expected in 2023

Western University | London, ON

Awards: Dean's List

Relevant Courses: Algorithms & Data Structure, Database Management Systems, Computer Networks Application, Networking: Principles and Protocols

Activities: WE Trillium Hyperloop, Dragon Boat Club

SKILLS & TOOLS

- Proficient in Java, C#, JavaScript, React, Express, Node.js, Unity, SQL, GCP, Linux
- Exposure to C++, C, Rust, Python, Cisco
- Experience designing relational database systems
- Thoroughly skilled with Git, Figma, Jira
- Experience with networking protocols and programming
- Theoretical understanding of socket and multi-threading programming