

# SASHINTHA TENNAKOON

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📍 Toronto, Ontario

## EXPERIENCE

### Software Developer

#### DealRockit

📍 Toronto, ON

📅 May 2021 – Aug 2021

- Integrated a responsive design for the company's web application, increasing customer usability to a total of 10+ mobile devices, ranging from iOS to Android.
- Designed and completed exhaustive unit and regression testing, resolving 90% of existing bugs.
- Collaborated across a team of 4 developers and 2 designers to redesign the UI and streamline the responsive design across the application.
- Prepared change log documentation, outlining all functional and non-functional changes made, along with future plans to further improve the user experience.

## PROJECTS

### University Student Life

#### Mobile Application

📅 April 2021

- Built a mobile app allowing university/college students to better engage in their school community, with access to clubs/events tabs, schedule management, and a social network connecting students with similar interests.
- Designed and built the user interface using React Native to optimize usability and performance.
- Cooperatively worked with a team of 3 developers to integrate the various components of the app within a time constraint, to deliver an optimal product.

### Smart Eye Tracking Assistant

#### Home Assistant

📅 January 2019

- Developed an application that allows hands-free control of smart appliances using eye tracking, built using python, c#, and a tobii eye tracker.
- Collaboratively researched eye tracking methods and designed a comprehensive solution to assist physically impaired users to operate a radio player and lights.
- Led interactive one-on-one feedback sessions and large-scale user surveys with perspective users to design a comprehensive user experience.
- Worked in an agile approach with a team of 4 developers to improve the efficiency in the work environment and produce a sufficient product

## EXPERTISE

**Strengths:** Mobile Development, Design Research, Product Prototyping, Agile

**Tools and Languages:** Java, Python, HTML, CSS, JavaScript, Unity, C#, Jira, Git, Linux

**Technical Skills:** Front-end Development, Data Analytics, Unit Testing, Responsive Design

## EDUCATION

### Bachelor's of Engineering Science

Software Engineering

#### Western University

📍 London, ON

📅 2019-Ongoing

**Awards:** Dean's List

**Course Highlights:** Algorithms & Data Structure for Object-Oriented Design, Business for Engineers, Database Management Systems, Networking: Principles and Protocols

**Activities:** WE Trillium Hyperloop, Dragon Boat Club