SASHINTHA TENNAKOON

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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 varies 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