Merryn Marderosian

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Results-driven, team-oriented professional with a strong background in Android app development. Seeking a challenging new position within a dynamic organization where I can leverage my expertise to contribute to the development and enhancement of innovative mobile applications.

Education

MICHIGAN STATE UNIVERSITY | EAST LANSING, MI   **MAY 2020**
College of Engineering
Bachelor of Science, Computer Science

Relevant Skills

Java, Kotlin, XML, Android Studio/Android App Development, Gradle, MVVM, Git, Android Data Binding

Experience

ANDROID SOFTWARE ENGINEER | STELLANTIS | AUBURN HILLS, MI   **FEBRUARY 2021 – PRESENT**
- ***Developing and enhancing apps within the R1 Infotainment System*** (Jeep, Dodge, RAM) via Android Studio
- Proactively identifying and resolving bugs to improve application stability and user satisfaction
- Integrating innovative features and UI components to elevate the functionality and user experience of in-vehicle applications
- Conducting thorough log analysis to identify and address issues, ensuring robust application performance
- Rigorously testing applications to guarantee seamless operation and compliance with quality standards and app requirements

SENIOR CAPSTONE DEVELOPER | MICHIGAN STATE UNIVERSITY | EAST LANSING, MI   **JANUARY 2020 – MAY 2020**
- ***Developed a web application to ingest, store, and display live-streamed data*** in a group with 4 others for an upcoming human behavior study hosted by Michigan State University's Computer Science Department with direction from Dr. Mohammad Ghassemi
- Developed primarily with JavaScript, Python, HTML with Bootstrap, and MySQL along with a variety of sensors and Raspberry Pis

UNDERGRADUATE LEARNING ASSISTANT | MICHIGAN STATE UNIVERSITY | EAST LANSING, MI   **AUGUST 2019 – MAY 2020**
- ***CSE 102 – Algorithmic Thinking and Programming***: Served as co-lead for two twice-weekly lab sections in a given semester, each consisting of nearly 30 college students from all backgrounds as they navigated weekly assignments related to basic Python skills
- Staffed helprooms, completed administrative tasks such as grading assignments, recorded attendance and proctored exams
- Organized and rehearsed material in order to provide the most effective learning experience for all students

INSTRUCTOR | INFORMATION TECHNOLOGY EMPOWERMENT CENTER | LANSING, MI   **JANUARY 2018 – MAY 2019**
- ***Coordinated classroom objectives*** to guide students through computerized math modules and scientific research
- Filled in for Lead Instructor as needed to ensure a successful classroom experience
- Researched and updated math and computer science programs to increase engagement in classrooms
- Executed one-on-one performance reviews to analyze students' progression and make recommendations for improvement

Recognitions

CSE 335 TOP PROGRAMMING PROJECT PRIZE – OBJECT-ORIENTED SOFTWARE DESIGN   **DECEMBER 2019**

- ***Selected by Dr. Charles B. Owen for top award among nearly 250 students in advanced computer science competition***
- Utilized C++ Language in Visual Studio to develop a growing tree visual, utilizing seeds in conjunction with a pseudorandom number generator