

Merryn Marderosian

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Education

MICHIGAN STATE UNIVERSITY | EAST LANSING, MI
College of Engineering
Bachelor of Science, Major in Computer Science
Concentration in Neuroscience

MAY 2020
GPA: 3.27 / 4.0

Skills

C++, Python, Java, HTML/CSS, ReactJS, JavaScript, PHP, MATLAB, SQL, ARM Assembly, Microsoft Visual Studio, Android Studio

Experience

FRONT END DEVELOPER INTERN | NERDY BUNNY | FARMINGTON HILLS, MI AUGUST 2020 – PRESENT

- *Currently working with startup company Nerdy Bunny to develop the user interface for an interactive retail experience application using ReactJS*
- This application will enable users to test and compare songs on various speakers at electronic retailers, including Best Buy

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

PERSONAL PYTHON TUTOR | MICHIGAN STATE UNIVERSITY | EAST LANSING, MI SEPTEMBER 2018 – DECEMBER 2018

- *Educated students from different majors on the basis of Python language* – achieved 100% competency
- Developed learning schedules to accommodate varying student skill levels
- Led focused review sessions in concentrated groups to provide guidance in specific problem areas

Recognition

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*
- "Operation Sparty Appleseed" - Utilized C++ Language in Visual Studio to develop a growing tree visual, utilizing seeds in conjunction with a pseudorandom number generator