Ebony N. Warren

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Education

Santa Monica College - Santa Monica, CA   Summer 2017 - Present
    Major: Computer Science and Engineering
    Expected Transfer Date - Spring 2020

Related Coursework

C++ Data Structures, Visual Basic, Assembly Language(HLA), C programming, Independent Study: Machine Learning

Programming Languages and Skills

Advance: C++, Objective-C, HTML, Robot C

Intermediate level: Python, JAVA, CSS, JavaScript, Excel, WordPress, SharePoint, XCode

Beginner Level: C#, Ruby, Photoshop, Illustrator, TensorFlow, Keras, SolidWorks, GitHub

Proficient in 3D printing, soldering, laser cutting, writing/playing sheet music on violin, guitar, and piano

Work Experience

STEAM Bot Workshop - Culver city, CA

Website Manager, Marketing Assistant, Robotics/Game Design Teacher   2017 - 2020

- Update and monitor website transitions and content pertaining to classes in WordPress
- Create promotional flyers and banners for print and social media platforms
- Teach classrooms of 1-6 kids Robot C and python to program robots to do different task for VEX robotics competitions
- Developed 15 lesson plans for game design classes in C#, JAVA, and Unity and 10 for pre-k relating to chemical reactions, physics experiments, and building strategies

Santa Monica College - Santa Monica, CA

Classical Physics Supplemental Instructor   2018

- Develop 2 lesson plans per week and hold 1 drop-in session
- Create a schedule for 3 sessions per week over the semester
- Create practice exams and cumulative final review materials

Web Content Assistant   2017 - 2018

- Worked on web projects collaborating with people in other departments on page layout and functionality to handicapped users
- Headed a solo project of updating achieve layout in SharePoint

Academic Experiences

Santa Monica College - Santa Monica, CA

Founder, President, and Captain of the Robotics Club and VEX Robotics Team   2019 - 2020
- Promote and find sponsors for team
- Work with school departments to host events
- Establish classes to sustained future team activates

UCI: Base 11 - Irvine, CA

Mars Rover Builder and Programmer   2018 - 2019

- Use workshop tools to assemble corner connectors for Mars Rover
- Lead a 4 person team to program a controller app on android for the Mars Rover Raspberry Pi brain
- Present and explain how to calibrate the drive train and program/solder the different boards on the Rover

UCI: INSPIRE program - Irvine, CA

Programmer   2018

- Develop a team to create a Universal Translator
- Program a RaspberryPi with Python to respond to text input and translate, using google API, text to speech
- Create 3D Design for a RaspberryPi Zero Case in SolidWorks and format it to be 3D printed