Jamal Paden

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Education

Atlanta Metropolitan State College, Atlanta, GA   **Expected Graduation: Dec. 2016**
Associate of Science in Computer Science

- Major Coursework: Computing for Engineers, C++ Programming, Computer Sci. 1
- GPA: 3.13, Major GPA: 3.3
- Minors in Mathematics and Spanish

Independent Learning

- MongoDB University: MongoDB for Developers
- Codecademy: Python, JavaScript, Java
- EdX: Intro to CS, Programming using Python

Projects

Voter Participation Twitter Bot   **October 2015-Present**

- Developing a Twitter bot that seeks out people tweeting about political topics using certain hashtags and replies to them telling them how to register to vote.
- Independently designed the tool in Python using the Tweepy module to pull tweets and users from Twitter.

Rock, Paper, Scissors   **July 2015-Jan 2016**

- Developed a basic Rock, Paper, Scissors game in Python.
- Implemented the EasyGUI module to build a simple user interface.

Project Wind Waker   **May 2015**

- Helped to recreate a level from "The Legend of Zelda: Wind Waker" in Unity3D running on Oculus Rift and controlled with two Myo armbands.
- Assisted in scripting enemy behaviors in C# and modeled environmental assets in Blender.
- Winner of the "Best Wearable Hack" award at RevolutionUC

MATLAB Motion Detector   **March 2015-May 2015**

- Designed a motion detector using an Arduino Uno programmed using MATLAB as a final project for my Computing for Engineers class.
- The motion detector was engineered to run at certain time intervals. A light connected to the Arduino would blink if it detected something.

Experience

Atlanta Metropolitan State College, Atlanta GA   **January 2016-Present**
MESA Tutor

- Tutored MESA students in Multivariable Calculus, Linear Algebra, and Computer Science 1.
- Held office hours, and made myself available to students on a regular basis.
- Explained concepts, helped with problem sets, and prepared students for exams as needed.

Skills

Languages: Python, Java, JavaScript, C++, HTML/CSS, MATLAB, C#

Tools/Software: PyCharm, Eclipse, MATLAB, Unity, Bootstrap

Extracurriculars: National Society of Black Engineers, Math Club, MESA, Drone Team, Robotics Club