Jamal Paden

1611 Harvard Ave. Apt 21 | Atlanta, GA 30337 | (404)-395-6714 | jpaden@gatech.edu |US Citizen
github.com/jpaden12| jamalpaden.me

Objective

To secure a summer 2017 internship in software engineering or web development that exposes me to modern technologies and allows me to grow as a developer.

Education

Georgia Institute of Technology, Atlanta, GA **August 2016-May 2019**
Bachelor of Science in Computer Engineering

- GPA: 3.06
- Coursework: Digital Systems Design, Obj. Oriented Programming, and Web Development

Atlanta Metropolitan State College, Atlanta, GA **January 2015-May 2016**
Regents Engineering Transfer Program

- GPA: 3.19, CS GPA: 3.5
- Coursework: Computer Science I and II, C++ Programming, MATLAB for Engineers

Projects

Angel Toolkit **September 2016-Present**

- Creating a tool that allows Angel Investors to gauge different startup investments
- This project pulls data from the Crunchbase API, and from other sources to rate startups based on factors like seed money raised, founder history, and other things
- Created using Node.js, Express, MongoDB, and AngularJS

Hackathon API **September 2016-Present**

- Creating a RESTful API using Node.js, Express, and MongoDB to store and retrieve data on many different hackathons.
- This API will serve as the foundation for a future web app and Android app.

Portfolio Website **July 2016-Present**

- Currently developing a website to showcase my portfolio and learn the basics of front-end web development
- The site uses Bootstrap for the layout and AngularJS for single page routing

Java Swing Address Book **April 2016-May 2016**

- Created an address book using Java Swing and object oriented principles as a final project for Computer Science II

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.
- Won “Best Wearable Hack” 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 used an algorithm that determined if motion occurred by comparing the amounts of light captured by a photoresistor at different time intervals.

Experience

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

- Tutored 20 students in Multivariable Calculus, Linear Algebra, and Computer Science 1.
- Explained concepts, helped with problem sets, and prepared students for exams as needed.
- Responsible for a 23% increase in student exam scores

Skills

Languages: Java, JavaScript, HTML/CSS, Python, C++, MATLAB
Tools/Software: AngularJS, MEAN Stack, Bootstrap, Unity3D, PyCharm
Extracurriculars: IEEE, Web Development Club, VG Dev, Android Development Club