Asa A.M. Gayle

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Education:	**Florida A&M University**
	Master of Science, Computer Science, Projected Graduation Date: May 2020
	Florida A&M University
	Bachelor of Science, Interdisciplinary Studies w/focus in Computer Science/Music, April 2016

Skills:

Programming/Scripting Languages: JavaScript/HTML/CSS, C++, Python (familiar), SQL (familiar)

Frameworks/Tools: React, MongoDB, Express.js, Visual Studio Code, Git

Experience:

Florida A&M University – CIS Department – Teaching Assistant
August 2018 - Current
- Assists professor with various classes via grading student work, assisting during lab hours and holding weekly study sessions hours for the Fundamentals of Programming, Object Oriented Programming, Data Structures and Algorithms, and Discrete Mathematics courses.

Florida A&M University - Operations Analysis – Web Developer
April 2017 – August 2018
- Worked in a team to move the university from old paper-driven business processes to a completely paperless, web-based electronic system with automated document routing and retrieval.
- Created eForms for the system utilizing HTML, CSS, JavaScript and a proprietary language called iScripts for the Perceptive Content software client
- Assisted with planning, testing and implementing the Perceptive Intelligent Capture for Transcript software system to help automate the application process for new applicants to the university.

C4Q - Access Code 3.1 Full Stack Web Dev – Teaching Assistant Intern
August 2016 – December 2016
- Assisted instructors to teach students from underrepresented backgrounds in tech full stack web development.
- Technologies taught included: HTML, CSS, Javascript, jQuery, React and Node.js as well as computer science concepts like Object Oriented Programming and time/space efficiency.

Recent Projects/Event Participation:

- **Automated Attendance System** – Currently working on automated attendance taking system in a team of 4 to reduce time used taking roll in class via biometric data. Uses web interface based in React with a MongoDB backend to provide attendance information and reports to instructors, students and parents/guardians/other entities who need access to the information.
- **Server Space Warning System** – Created automated system that warned users via email when their servers reached customizable size intervals using Python.
- **LyteHacks Hackathon Project** – Built web application with team using annyang voice recognition JavaScript library and Spotify Web API to have a specific artist tell user fun facts about themselves via voice command and play songs via Spotify.

Organizations and Leadership Roles:

Alpha Phi Omega National Service Fraternity Inc. – *Vice President/Service Committee Head*
- Organized and developed service projects including *"Computer Literacy"* course for fraternity's National Service Week themed on Literacy. Taught Python and Computer Science basics via *"CodeCombat"* website.

Wind Ensemble – *3rd Chair Trumpet*
- Highest level ensemble that performed in historic Carnegie Hall concert March 2015

Florida A&M University Marching "100" – *Co - Trumpet Section Leader*