Matthew Lipscomb

Software Developer

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Education

Georgia Institute of Technology
- Bachelor of Science in Computational Media (Computer Science with a focus on AI and Interactive Design)
- Graduated with Honors
- Major GPA: 3.44

Kennesaw State University
- Studied Mathematics before transferring to Georgia Tech.

Proficiencies

- Python, Java, JavaScript, HTML, CSS, SQL, C, C#

Completed courses on:
- Data Structures
- Algorithms
- Optimization
- Artificial Intelligence
- Machine Learning
- Android/IOS App Development

Experienced in the following applications
- React Native
- Unity
- Maya
- GitHub
- Excel

Skills

- Cross-functional team collaboration
- Translating newly acquired skills into project operation
- Following industry standard development processes such as Agile
- Leading and contributing to teams from developing ideas into an actualized product

Work Experience

Southern Company/Georgia Power, *Technology and Innovation Intern* (Atlanta, GA)   Aug 2019 – Dec 2019

- Worked on creating a facial recognition security program to potentially be used throughout the company to track if any unregistered persons enter the building.
- Present and demonstrate new technologies to guests and clients to showcase how these technologies could be used in the field throughout the company.
- Communicate with external companies about acquiring access to their technologies and utilizing them in our own projects
- Responsible for debugging, upkeeping, and documenting projects and code made by other employees.

Projects

Facial Recognition Security Application
- Lead a team of interns in making an application that was capable of learning and recognizing faces of approved employees, as well as send alerts when unknown faces were detected.
- Involved on both Front End and Back End.
- Used Python and Flask.

Basketball Position Evolution
- Used Machine Learning techniques (PCA, LDA, KMeans, GMM, etc) to evaluate how the positions in Basketball (NBA) have evolved over time, and graph that change over time.
- Involved on both Front End and Back End.
- Used Python and Matplotlib.

More projects on my website https://mgl333.github.io/LipscombPortfolio/