Gabriel Tomberlin

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EDUCATION

Georgia Southern University   *Graduated December 2018*
B.S. Computer Science

Self-Study/Personal Courses
Tensorflow in Practice Specialization (4/4 courses), Applied Machine Learning in Python, Deep Learning Specialization (4/5 courses)

SKILLS

Languages
- Python, C++, Java, SQL

Technologies/Tools
- Git, Splunk, JIRA, Linux, Unity, Unreal Engine
- Pandas, Numpy, Scikit-learn, Tensorflow

PERSONAL PROJECTS

Personal Spending Tracker
- Built an application to track personal spending. Implemented an account login and creation page, and local SQL database storage via SQLite for lightweight persistent data.

NUT Midline Carcinoma (NMC) Pathology Classification
- Collected and augmented images to create a small dataset of cancer pathology to train different machine learning models to correctly classify images of NUT Midline Carcinoma pathology.

Onslaught – 2D Game *(ongoing feature development and implementation)*
- Currently developing a 2D arena/horde-style game in pure Python, rather than an engine, that includes classes, spells, and single-player progression/development.

Multithreading Message Encryption/Decryption (*course project*)
- Implemented multithreading in C++ via the use of p-threads to process three different encryption algorithms

~ More projects/work can be found via my GitHub ~

OTHER WORK EXPERIENCE

Federal Reserve Bank of Chicago | Chicago, IL
Associate Information Security Engineer   *December 2018 - Present*
- Creating automation scripts and programs in Python to make tedious tasks more efficient and speed up the team's everyday duties
- Serving as an incident responder, monitoring security alerts and performing necessary triage
- Conducting forensic analysis on foreign devices to determine malicious intent or to recover files/data