Gabriel Tomberlin

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EDUCATION

Georgia Southern University   *Graduated December 2018*
B.S. Computer Science
Relevant courses: *Software Engineering, Object-Oriented Design, C++ Programming, Intro to Operating Systems (C++), Data Structures & Algorithms, Algorithm Design & Analysis, Database Systems, ...*

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 (proficient – 3+ yrs)
- C++ (working knowledge – <1 yr)
- SQL (working knowledge – <1 yr)

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

PERSONAL PROJECTS & WORK

Project Manager + Code/Text Editor
- Building a personal project manager designed with PyQt with capabilities to track tasks and issues in the projects. Includes an in-house code/text editor to manage or create code within the project manager.

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

Onslaught 2D Game
- Created a prototype 2D arena/horde-like game using pure Python and the Arcade library.

C++ Multithreading Encryption/Decryption
- Undergraduate Operating Systems project to encrypt plaintext parts and decrypt encrypted parts of a string message separately using p-threads in Linux environment.

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

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