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** **Technologies/Tools**

* Python (proficient – 3+ yrs) - Git, Splunk, JIRA, Linux, Unity, Unreal Engine
* C++ (working knowledge – <1 yr) - Pandas, Numpy, Scikit-learn, Matplotlib
* SQL (working knowledge – <1 yr)

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