

# Gabriel Tomberlin

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## EDUCATION

**Georgia Southern University**  
B.S. Computer Science

*Graduated December 2018*

### 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