

# Gabriel Tomberlin

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## EDUCATION

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### Georgia Institute of Technology

M.S. Computer Science – Machine Learning

*August 2019 - Present*

### Georgia Southern University

B.S. Computer Science

*Graduated December 2018*

### Self-Study/Personal Courses

*Tensorflow in Practice Specialization, Applied Machine Learning in Python, Deep Learning Specialization*

## SKILLS

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### Languages

- Python, C++, Java, SQL

### Technologies/Tools

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

## PERSONAL PROJECTS

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### 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

## OTHER WORK EXPERIENCE

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### 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