

# Gabriel Tomberlin

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## EDUCATION

**Georgia Southern University / Armstrong State University (merged)**  
B.S. Computer Science

*Graduated December 2018*

### Self-Study/Personal Courses

*TensorFlow in Practice Specialization - Applied Machine Learning in Python - Deep Learning Specialization - Introduction to Machine Learning in Production - Kubernetes Deep Dive - SANS GIAC Cloud Security Essentials - Introduction to Containers and Docker - Udacity ML DevOps Engineer Nanodegree (ongoing)*

## TECHNICAL SKILLS

**Languages:** Python (4+ years exp.), Golang/Go (working knowledge), SQL, C# (game development projects)

**Familiar Tools/Technology:** Git, GitLab, AWS, Datadog, Terraform, Kubernetes, Docker, Jira, Splunk, Unity, ML tools (Scikit-learn, NumPy, Pandas, TensorFlow)

## PERSONAL PROJECTS

### Entry-Level 'X' ([Link to Project](#))

- A Django web development project to aggregate entry-level jobs with the goal of making it easier for people to find jobs that are actually "entry-level" rather than digging through multiple job boards.

### 'NUT' Cancer Pathology Classification ([Link to Project 1](#) | [Link to Project 2](#))

- ML image classification using Scikit-learn to detect NUT Midline Carcinoma in cancer pathology images. Project 2 is a variation using a pre-trained ResNet50 model with the last layer trained on my curated dataset and includes an accompanying Streamlit app [here](#).

### Live Detection with OpenCV and MediaPipe ([Link to Project](#))

- Live hand and face detection with OpenCV and Google's MediaPipe framework, including a desktop GUI.

### Image Similarity ([Link to Project 1](#) | [Link to Project 2](#))

- A Streamlit app that lets you compare image similarity via different optional metrics depending on how you want to measure similarity. Play around with it [here](#). Project 2 is an API of it created with FastAPI.

## WORK EXPERIENCE

**Federal Reserve Bank of Chicago** | Chicago, IL

Information Security Engineer

*December 2018 - Present*

**Security Clearance:** 'Secret' Clearance (Tier 3/ANACI), Active | March 2021 - Present