Shahbozbek Hakimov

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Education

University of Florida, Bachelor of Science — **Jan 2023 – May 2025**
Major: Computer Science **| Minor:** Anthropology — **GPA:** 3.46

- **Relevant Coursework:** Malware Reverse Engineering, Penetration Testing: Ethical Hacking, Data Structures and Algorithms, Computer and Information Security, Introduction to Data Science, Algorithm Abstraction and Design
- **Awards:** 2x Dean's List

Valencia College, Associate of Arts — **Jan 2021 – Dec 2022**
Metamajor: STEM — **GPA:** 3.72

- **Relevant Coursework:** Differential Equations, Analytical Geometry and Calculus 1, 2, and 3, Physics with Calculus 1 and 2, Intro to Chem
- **Awards:** 3x President's List & 2x Dean's List

Experience

Front-Desk IT Role at a Logistics Company — **March 2022 – Feb 2023**

- A basic managerial role, requiring the maintenance of any technical components utilized by the company, as well as the paperwork relating to the said components.

Projects

GEX (In Development)

- A tool which simplifies the process of intrusion detection by following changes made to the machine in real time and detecting abnormalities through models trained on data collected from the machine.
- **Tools Used:** Zig, C

GatorSec File Integrity Monitoring Tool
Github Page: https://github.com/GeoffreyFClark/file-mod-tracker

- Developed a tool for cyber-security specialists and enthusiasts which provides the ability to track file modifications in real time while being built on a back-end that is memory-safe.
- **Tools Used:** Rust, Tauri, TSX, XML

Convolutional Neural Network of Brain Scans
Github Page: github.com/andrewb2011/CNNBrainScanProject

- Developed an AI/ML model using TensorFlow's Convolutional Neural Network tool-set which predicted the correct diagnosis of tumors through brain scan images at a rate of 90% on average.
- Trained with 6000 training images of various sources to avoid bias and tested with 2000 unique testing images.
- **Tools Used:** Python3, TensorFlow, NumPy, MatPlotLib, Jupyter Notebook, Google Colab

Custom Linux File-System

- Built a file-system for a machine running on the Linux operating system which manages the creation, modification, and transfer of files and directories within the kernel.
- **Tools Used:** C, C++, Oracle VM Virtualbox

Competitions

Hackathons: GatorHack (2024), SwampHacks (2025)

Capture The Flag: Crate CTF (2024), BlueHens CTF (2024), Sunshine CTF (2024), Lake CTF (2024), NullCon CTF (2025), LA CTF (2025), PwnMe CTF (2025), SDCTF (2025), BYUCTF (2025), NahamCon CTF (2025), etc.