

Gil Eskayo

Cybersecurity/Software Engineer

Portfolio: <https://www.gileskayo.me>

■ (650) 867-2527 | ✉ gil.adams@colorado.edu | 🌐 [linkedin.com/in/gileskayo](https://www.linkedin.com/in/gileskayo) | Security Clearance: Secret

- Computer Science Senior at CU Boulder with strong fundamental knowledge of Engineering, Software Development, Cybersecurity, and Aerospace.
- Excellent knowledge of Algorithms, Data Structures, Databases, Operating Systems, programming languages, Networking, and software development methods and tools.
- Former US Army Reserve member with proven leadership skills, work ethic, problem-solving skills, and respect for structure and discipline.

Designing for Defense Senior Project

- Currently working with the U.S. Department of Defense to develop tools for the Space Domain Awareness Tools Applications and Processing Lab (SDA TAP Lab). The project focuses on interrogating and evaluating targets in space for evidence of CCDM (camouflage, concealment, deception, or maneuver) from adversarial satellites.
- Leading the development by providing Aerospace background and Computer Science skills necessary for the creation of our algorithm. Using Python, NodeRed, and AWS DOD cloud.

Software Engineering Skills

Programming: Python 3.9, Flask, Node.js, REST API, Linux, HTML, CSS, Multer middleware package, Java, C, HTML, CSS, SQL, NodeJS, Unix Shell Script, PostgreSQL Relational DB, MATLAB

Cybersecurity: Cross-site Scripting (XSS), Distributed Denial-of-service (DDoS), SQL Injection, Session Hijacking, Cross-Site Request Forgery (CSRF); Hashcat, Tcpdump, Nmap, Wireshark, OSINT Framework, Burp

Tools: Docker, Git, GitHub, System Modeling (SysML), LaTeX markup, AWS hosting, Bootstrap

Aerospace: Vehicle Design, Thermodynamics, Aerodynamics

Education

Bachelor of Science: Computer Science, Aerospace Engineering

August 2021 – May 2025 (expected)

University of Colorado Boulder (CU Boulder)

Boulder, Colorado

Software Engineering Projects

[Web Application for purchasing in-game skins](#) ([GitHub repository](#))

August - December 2023

University of Colorado Boulder (CU Boulder)

Boulder, Colorado

- Intuitive and user-friendly platform to revolutionize the experience of Counter-Strike: Global Offensive (CS:GO) players by searching, filtering, and purchasing in-game skins based on users' preferences.
- Core feature is a sophisticated yet easy-to-use search engine for multiple concurrent filters allowing quick navigation and access to an extensive database of skins based on rarity, color, pattern, and price range.

[Helicopter Crutches Preliminary Design](#)

August - December 2020

College of San Mateo

San Mateo, California

- As President of CAD Club, led four teams in a competition hosted by Autodesk against Cal Poly in the preliminary design of helicopter crutches for a Piasecki CH-21.
- Workhorse was displayed at the Aerospace Museum of California.

Work Experience

Chemical, Biological, Radiological, and Nuclear Defense Chemical Specialist

June 2020 - 2024

United States Army Reserve

Boulder, Colorado

- Developed and organized up to 80 individuals at a time to accomplish mission sets
- Skills: Leadership, Effective Communication, Ability to Perform Under Pressure, Quick to Adapt, Motivate peers and subordinates.

Achievements

2019 **Eagle Scout Award** - achieved the pinnacle of Boy Scouts with two Eagle Palms

2018 **Certificate of Merit** for Meritorious Action - awarded for life-saving actions in my time as a Boy Scout