

# Cameron Young

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[github.com/ItsNotCam](https://github.com/ItsNotCam)



[LinkedIn](#)



[CameronAYoung.dev](#)

## EDUCATION

George Mason University • Fairfax, VA • August 2019 – May 2025

Bachelor of Science in Information Technology

Minor in Computer Science

## SKILLS

Programming	C#, Java, Python, JavaScript / TypeScript, HTML, CSS, PHP, PowerShell, Bash
Database	MySQL, SQLite, PostgreSQL
Frameworks / Tools	NodeJS, ReactJS, NextJS, TailwindCSS, Flask, Material UI, PostCSS, Bootstrap
Operating Systems	Ubuntu Linux, Windows (Azure AD and LDAP automation scripting experience)
Software	Atlassian Suite, Git, VMWare, Docker, Docker Compose, CyberArk
Management	Agile Methodologies (Scrum), Open-source collaboration

## WORK HISTORY

Software Engineering / IT Automation Intern IV • BAE Systems, Inc. HQ • May 2024 – Aug. 2024

- Offered a **part-time return role** for the following school semester with prospects of **full-time hire post grad**.
- Created an app to view critical internal information (see page 2: [CyberArk Insights](#)).
- Created an app to interact with multiple internal LLMs (AI chat bots) (see page 2: [CodeMonkey](#)).
- Converted scripts from Batch to PowerShell and **decreased their combined run times by orders of magnitude**.
- Designed, developed, and documented an email template that is currently being used in the automated email pipeline.
- Assisted in emergency efforts to resolve the **2024 CloudStrike BSODs** on company machines.
- **Technology:** JavaScript/TypeScript, NextJS, ReactJS, TailwindCSS, PowerShell, Azure AD, LDAP, CyberArk API

Freelance Game Developer • Nov. 2020 – Jan. 2024

- **Self-starter** – From ground zero in 2020, became a well-known content creator and software developer for a large online community of **23,000+ members** for an online platform having almost **9 million registered users**.
- One of the platform's official development teams **invited me to be a consultant** due to the innovation, leadership, community relations, and technical expertise that I demonstrated while actively developing my content.
- From year one, generated personal income exceeding **\$100,000/yr.** by marketing my products to **23,000+ customers**.
- Through multiple product promotions, donated over **\$50,000 to charity** (see INDIVIDUALS on p.6 of [this 2021 donations report](#)).
- **Managed** several subject matter experts within the community to collaboratively develop various products.
- Additionally produced multiple, popular, free products used by thousands - see page 2: [Bitwatch VR](#) as an example.

Cyber DevOps Software Engineering Intern II • BAE Systems, Inc. HQ • Aug. 2019 – Jan. 2020

IT Automation Intern II • BAE Systems, Inc. HQ • May 2019 – Aug. 2019

- **VP of IT** at BAE **personally offered me a full-time role and full ride to my university** for my contributions.
- Created an app that is **still actively deployed** in BAE's cyber threat detection pipeline as of 2024 (see page 2: [Racoon](#)).
- Lead the design and development of a Windows system performance testing tool that accurately diagnosed bottlenecks on Windows systems - System Administrators using this tool reported **time savings exceeding 75%** over past methods.
- Created a tool to automate the migration and compliance process of **hundreds** of Windows systems across secure networks, **saving countless hours of manual work**.
- **Technology:** PowerShell, MySQL, JavaScript, HTML/CSS, ReactJS, Python, Docker, Windows AD, LDAP

PROJECTS ON NEXT PAGE

## SOME PROJECTS

(more with documentation and demos on [CameronAYoung.dev](https://CameronAYoung.dev) and [github.com/ItsNotCam](https://github.com/ItsNotCam))

**CodeMonkey** • BAE Systems, Inc. • Web app - Actively deployed in BAE Systems, Inc.'s network

- Designed and developed a front-end web app to interact with an internal AI chat bot.
- **Technology:** NodeJS, ReactJS / SolidJS, TypeScript / JavaScript, TailwindCSS

**CyberArk Insights** • BAE Systems, Inc. • Web app – Currently actively deployed in BAE Systems, Inc.'s network

- Full stack web app that pulls and displays 20,000+ database entries and shows important statistical data that is used in major data reporting and internal statistics meetings.
- Allows for instantaneous filtering of data, and the page loads all 20,000+ entries in less than 1 second.
- Comprehensive high- and low-level documentation provided including information relating to the tech stack, setup, building, and deployment of the app.
- Developed a custom PowerShell script to install dependencies, build, and deploy the app to Windows IIS.
- **Technology:** NodeJS, ReactJS, NextJS, TypeScript / JavaScript, TailwindCSS, PowerShell, Windows IIS

**Raccoon** • BAE Systems, Inc. • Web app - Actively deployed (as of 2024) in BAE Systems, Inc.'s threat detection pipeline

- A full stack web app developed for BAE Systems, Inc.
- **Dissects packet capture files** to find flagged data within web requests and stores their contents in a database.
- Has a **front-end user interface** and exposes a **REST API** to be integrated into the threat detection pipeline.
- **Technology:** Python, JavaScript, SQL (SQLite), Flask, ReactJS, Material UI, Bootstrap, Zeek, Docker, Docker Compose, HTML, CSS

[Bitwatch VR](#) • Online Community • C# app - Connects the virtual and physical worlds

- A “smart watch” that interacts with the real world to obtain time, date, weather, heart rate, and some hardware-related information and displays the data on an interactable watch on the user's virtual wrist.
- One of several **solo developed apps** related to my freelance operation.
- Developed for a large online community of **23,000+ members** for a platform that has nearly **9 million registered users**.
- **Technology:** C#, REST, Web Sockets, Multithreading, several 3D modelling, artistic, and creative tools

[Google Drive Clone](#) • Personal • Web app – Users upload, download, and share files with a sleek UI

- A locally hosted, containerized, full stack cloud file sharing web application that allows users to **upload, download,** and **share** files.
- Implements user login, token-based sessions, and several database models and relations.
- **Technology:** NodeJS, ReactJS, NextJS, TypeScript / JavaScript, MySQL, Docker, Docker Compose

[Pokescrape](#) • Personal • Web scraper – Pulls data and inserts it into a PostgreSQL database

- Scrapes [PokemonDB](#) for information about [Pokemon](#) (characters in a popular video game franchise) and their moves, abilities, and traits.
- Stores the data in a PostgreSQL database that makes use of several entities and relations to facilitate granular control over its data.
- Makes use of complex database models and relations – ERDs available in the project's [README](#).
- **Technology:** Python, PostgreSQL