

## Skills

**Programming Languages:** Java, Python, C, HTML5, CSS3, SQL

**Other Tools:** Figma, Adobe Premiere Pro, Adobe Photoshop, Adobe Audition, Adobe InDesign

## Education

**Georgia Institute of Technology**  
*BS Computer Science, GPA: 3.5*

Atlanta, GA  
*Aug 2022 / May 2026*

## Projects

**Home Lab:** Linux Filesystem, Linux Terminal, OpenSSH, Docker, Virtualization, Networking  
<https://sites.google.com/view/vivekhomelab/home>

Mastered Linux terminal, Docker, and SSH through creation of services (such as Plex Media Server). All services are fully automated using open-source programs such as Sonarr and Radarr. NextCloud and OpenVPN integrations also installed for access anywhere in the world.

**BetterSpotifyWrapped:** Java, Git, CI/CD, Firebase/SQL, Agile, UI/UX  
<https://sites.google.com/view/betterspotifywrapped/home>

UI-Lead: Implemented all aspects of a UI, utilizing Material UI fundamentals in design to create a highly functional, easy to navigate app. Additionally implemented a database with Firebase and created a CI/CD pipeline to ensure the projects builds before merging pull requests.

**Golden Axe GBA:** C, Usenti, Tiled, Memory Management  
<https://github.com/vivek3210/GoldenAxeGBA>

A game that was made to run on the GBA using Assembly, C, Docker, and lots of manual testing. Object pooling, Mode 0 Tilemaps, Malloc, Realloc, and other memory optimizations were used to make the game completely playable on a GBA with 60fps.

## Work Experience

**Kumon North America**      Lilburn, GA      *Grader and Data Entry*      *May 2021 / June 2023*

- Head of data entry: during my tenure increasing efficiency with training strategies and new methodologies by 50%
- Managerial Position: Responsible for all grading operations, including distribution of paperwork

## Certifications

**HackerRank Java Certification** September 2024  
Recognized for displaying proficiency in Java fundamentals

*HackerRank*

**CIW Site Development Associate** April 2020  
Web Development (HTML, CSS, JavaScript) certification obtained after completing a 6 month course

*CIW uCertify*