

Richard Red

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EDUCATION

Bachelor of Science in Computer Science

Anticipated May 2020

University of Georgia

Relevant Coursework:

- Systems Programming
- Data Structures
- Discrete Mathematics
- Computing Theory

EXPERIENCE

Reddit Subreddit Moderator

Johns Creek, Georgia

CSS Designer

September 2015 – Present

- Designed and maintained the subreddit style sheet for a small community with CSS

Self-Employed

Johns Creek, Georgia

Private Tutor

May 2015 – July 2016

- Improved students' abilities in Piano, Computer Science, Chinese, and Latin
- Managed a weekly schedule to meet the needs of my students

PROJECTS

Easy_Bot – https://github.com/richardred/easy_bot

Created a Discord bot with **Python** that utilizes multiple APIs and libraries to create an enhanced interactive chat experience for several hundred users across multiple community servers. Includes useful features such as displaying a weather forecast that is more convenient than using Google or other conventional methods of checking the weather.

Shell.cpp – https://github.com/richardred/Michael_Scott

Created a custom shell program with **C++** that emulates the behavior and commands of the UNIX Bash shell by utilizing various **C** system calls such as `fork()`, `dup2()`, and `execvp()`.

Maplistmaker – <https://github.com/richardred/maplistmaker>

Worked as a member of a two-person team with **Python**, **PowerShell**, and **Bash Shell** Scripting to develop a solution to problems we faced while trying to share files for a video game that were too large to be sent digitally. Features a portable .exe file that can be utilized by all Windows devices.

Languages & Proficiencies

Technologies: Java, C, C++, Python, JavaScript, HTML, CSS, UNIX, Bash, Latex

Languages: English – Native, Chinese – Native, Spanish – Intermediate

ACTIVITIES

Affiliations: Asian American Student Association (AASA) Logistics Committee

Activities: Club Ultimate Frisbee, Cycling, Piano, Guitar

Volunteer: UGA Impact, UGArden, Books for Africa

Interests: Artificial Intelligence, Programming, Music