Richard Red

richardred.q@gmail.com | (678) 773-3594
425 Riverbend Pkwy Apt 27C, Athens GA 30605

EDUCATION

Bachelor of Science in **Computer Science**   *Anticipated May 2020*
University of Georgia
Relevant Coursework:
- Systems Programming
- Data Structures
- Discrete Mathematics
- Computing Theory

EXPERIENCE

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

richardred.github.io – https://richardred.github.io
- Personal website built with **HTML**, **CSS**, and **Jekyll**
- Publicly hosts my professional profiles and hosts a private blog

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
- Utilizes various **C** system calls such as fork(), dup2(), and execvp()

maplistmaker – https://github.com/richardred/maplistmaker
- Used **Python**, **PowerShell**, and **Bash Shell** scripting as a member of a two-person team
- Developed solutions to problems 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, UNIX, BASH, Latex, HTML, CSS, Jekyll
Languages: English/Chinese – Native, Spanish – Intermediate

ACTIVITIES

Affiliations: Asian American Student Association (AASA) Logistics Committee
Activities: Club Ultimate Frisbee, Cycling, Piano, Guitar
Volunteer: UGA Impact, UGArden, UGA Campus Kitchen
Interests: Mechanical Keyboards, Programming, Music