

Sunnyvale, CA
(669) 208-8374
russe33@protonmail.com
russe447.github.io

Austin Russell

Software Developer with Object-Oriented Programming skills seeking to use my development, problem-solving, and teamwork skills to contribute to creating new and exciting software solutions.

SKILLS

- Proficient in Java, and C. Developing experience in C++, Python, SQL, Unity, Github/Gitlab, HTML/CSS, Javascript.
- Adept in Object-Oriented Programming principles, critical thinking, leadership, and a quick learner.
- Strong teamwork, communication, and problem-solving skills.

EDUCATION

University of Maryland, College Park, MD — *Computer Science, Bachelor's*

August 2016 - May 2020

- Computer Networks, **BitTorrent Client**
 - Utilized C++ on Linux in collaboration with 3 students to create a torrent client that could send a file from one user to another.
 - Encoded and decoded file data in order to send data over secure peer connections.
 - Developed a class for peer-to-peer connections and performed testing to analyze results of the program.
- Advanced Data Structures, **MX-CIF Quadtree**
 - Solo developed a C program to create an MX-CIF Quadtree data structure to detect when multiple rectangles overlap.
 - Created a tree data structure that would recursively create 4 quadrants, each containing only one rectangle.

PROJECTS

- Responsive Website, *In Progress*
 - Utilized HTML, CSS Grid and FlexBox to make a documentation site with multiple pages for a fake technology company.
 - Created each page to react responsively based on the screen size of the device viewing the website.
- Blog Website, *In Progress*
 - Utilizing GraphQL/GraphCMS, React, Next.JS, and TailwindCSS to create a blog post website.
 - Blog posts with local storage for users and emails, as well as comments submitted to GraphCMS for review