


MAXWELL LARGE

Software Developer/IT

CONTACT

Maxwell.Large@gmail.com 

(917) 584-0851 

[LinkedIn](#) 

EDUCATION

Bachelors degree
Computer Science
Hunter College
2021

SKILLS

- C/C++
- Java/spring boot
- Python/flask
- Rust
- Algorithms/Design Patterns
 - MYSQL/Database design
 - Basic HTML//CSS
- GIT/version control
- Operating systems
- Distributed systems/Web services
- Networking/Socket programming
 - Agile oriented development
 - MIPS/Embedded systems
 - Tableau/Data visualization
 - Solidity/Smart contracts
 - Zscript/ACS

PROFILE

I recently graduated from Hunter and I am applying for internships and entry level roles in software development. I am excited to grow my skills and join a team to achieve a common goal.

PROJECTS

Real Time Round Robin CPU Scheduler

- Built a Virtual CPU scheduler using multithreading and interrupts. Made various queues such as common queue, Input/Output queue, active processes and real time processes. While the program is running, the user can make various interrupts in real time such as ending the time slice, creating new processes, show state of memory, end current process and other features. Used maps to assign each process to a PID.

Spell Checker-Dictionary With Hashing

- Built a Program to read in two files: one is a dictionary and the other contains several words, some of which are spelled incorrectly. The dictionary's words all go in my hash table via linear probing, double hashing or quadratic probing. The program will then detect collisions, count probes, try to correct the misspelled words and see if that word is in the dictionary.

Interplanetary File System With Blockchain

- Helped create an IPFS. I was in charge of the networking component. I created server and client side code with robust features like checksums, DOS prevention, TCP handshake and others. In this peer to peer network, a peer can request, upload and share files to other peers.

Virtual Stock Market and Trade

- Led and designed a virtual stock market. I used a yahoo stock market API to grab data about certain stock data like symbol, rise, shares and others. Made a server to run this to let new users create accounts to simulate buy/sell of stocks. Designed the databases tables for stocks, owned stocks and customers.