Dillon Nguyen

College student majoring in Computer Science with a web design and application interest. Looking for an entry-level position as a computer systems programmer, as well as knowledge and experience working in the tech industry.

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PROJECTS

Small Shell — *Implementation of a small shell program (C)*

- Execute common linux commands such as cat, status, ps, cd, etc.
- Forked processes and commands.
- Input and output redirection
- Foreground and background processes

Multi Threaded Line Processor — *Consumer, producer line processor (C)*

- Handling consumer, producer problems with a shared resource
- 4 threaded line processor with each thread parsing a string differently
- Mutex management between 4 threads

One Time Pad Socket — *Encryption, decryption via sockets (C)*

- 5 small C programs that can encrypt and decrypt files
- Working with sockets to transfer data through a TCP connection reliably
- Handshake server connection to client

EXPERIENCE

Chevron, Salem OR — *Pump Attendant*

SEPT 2016 - AUGUST 2021

Amazon, Salem OR — *Warehouse Packer*

MAY 2021 - AUGUST 2021

EDUCATION

Oregon State University, Corvallis OR — Junior Year

2019 - Present

- Computer Science Major
- Web Design and Development focus

SKILLS

C/C++

Python

SQL

HTML

CSS

Linux

Windows

Quick learner

Work ethic

LANGUAGES

English, Vietnamese