Oliver Tonnesen

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Education

University of Victoria, Victoria, BC   2017 - Present
Bachelor of Science in Computer Science and Mathematics
Edward Milne Community School, Sooke, BC   2013 - 2017
Diploma with Honours in French Immersion Program

Technical Skills

Languages: Python, Go, C, JavaScript
Software: Git, Unix

Coursework

Operating Systems, Foundations of Computer Science, Software Development Methods, Algorithms and Data Structures I & II, Combinatorial Designs, Introduction to Computer Architecture

Projects

Personal Website: github.com/otonnesen/portfolio, olivertonnesen.com
Simple web server written in Go to show off my projects

Loanshark: github.com/otonnesen/loanshark
Web server written in Python and JavaScript with a PostgreSQL database. Includes templating, input sanitization, user login/authentication, and state tracking with cookies.

Unix-Style Filesystem: github.com/otonnesen/coursework/tree/master/csc360/a3
Implemented a filesystem for a 2MB virtual disk in C that supports creating/deleting, reading/writing, renaming, and seeking in files and directories.

Command-Line Shell: github.com/otonnesen/coursework/tree/master/csc360/a1/kapish
Implemented a command line shell in C allowing for execution of arbitrary commands, an init script, setting and getting environment variables, customizing the prompt, and viewing previously used commands.