Maxwell Burson

Full Stack Developer

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EDUCATION

School 42, Fremont CA

2016 - 2018

42 is a nonprofit computer science school focusing on software fundamentals, collaboration, and technical rigor. Projects are completed with limited access to the standard library, a restrictive style guide, and a rigorous review process.

corewar - *assembly virtual machine battle arena*

Compiles custom assembly language to binaries that execute in a reverse engineered virtual machine. Terminal display with ncurses. Git branching extensive coordination required to maintain a non-blocking development process.

push_swap - *constrained sorting*

Given operations as project constraints print the fewest moves to sort integer arguments. Output is piped to a validator.

ft_printf - *C function rewrite*

Rewrite of C language printf function with #0-+* flags, integer conversions, string conversions, precision, and min-width.

ls - *terminal command rewrite*

Rewrite with support for -l, -R, -a, -r and -t flags.

Free Code Camp, Online - *Front End Certificate*

2016

Free Code Camp is an open source software curriculum.

game-of-life - *simple simulation*

Written in React, Javascript, HTML, and Sass. Compiled with Grunt and Babel. Uses a responsive design with flexible simulation board.

Allan Hancock College, Santa Maria CA

2013 - 2014

Classes taught in C++, Java, and C#.

EMPLOYMENT

Levi Strauss, Grover Beach CA - *Sales Assoc*

2014 - 2015