Maxwell Burson

Full Stack Developer

CONTACT

805 441 6163
Fremont, California
maxwellburson@gmail.com
linkedin.com/ln/maxwellburson
github.com/maxwellburson

SKILLS

Primary: C, Git, HTML, CSS, Peer Collaboration

Secondary: Bash, Python, JavaScript, React.js

EDUCATION

School 42, Fremont CA

2016 - Present

Nonprofit computer science school focusing on project based learning, peer collaboration, and technical rigor.

Projects completed with limited access to the C standard library, a restrictive style guide, and a rigorous peer review process.

Free Code Camp, Online

2016 - *FRONT END CERTIFICATE*

Open source software curriculum.

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

PROJECTS

corewar - *virtual machine battle arena*

APR 2017 - MAY 2017

- Compiles custom assembly language to binaries.
- Binaries execute in a reverse engineered virtual machine.
- Terminal display with ncurses.
- 4 team members.
- Python script used to compare memory dumps against master VM binary.

push_swap - *constrained sorting*

FEB 2017

- Given operation constraints print the fewest moves to sort integer arguments.
- STDOUT piped to validator.

game-of-life - *simple simulation*

SEPT 2016

- React, JavaScript, HTML, Sass, Grunt and Babel.

ft_printf - *C function rewrite*

JAN 2017

- Support for #0-+* flags, integer conversions, string conversions, precision, and min-width.
- First time using Valgrind.