

william webster mairs

EDUCATION

tufts university

Medford, MA
B.S. Computer Science
magna cum laude
2018

LANGUAGES

human languages

French, Spanish, Latin

machine languages

Javascript, HTML & CSS, Python,
Lua, C, Scheme

runners up

PHP, ksh/bash, Standard ML, C++,
Smalltalk, x86, SQL

RELEVANT COURSEWORK

Web Programming
Web Systems Security
Data Visualization
Mobile Development
Electronic Music Instrument
Design

SKILLS & INTERESTS

SVG, Processing, p5.js, node.js,
LAMP stack maintenance, react &
react-native, data visualization
design, interactive web design,
audio synthethis and instrument
design

EXPERIENCE

cu boulder real estate center

Freelance Web Developer

designed full stack solution to
establish an online presence for
the Real Estate Technology
Program at Leeds School of
Business, CU Boulder.

department of computer science

tufts university

Courseware Developer

designed domain specific
language for writing automated
tests of student homework
submissions and implemented the
DSL using metaprogramming
techniques, with Lua as the
meta-language and micro-scheme
(an educational scheme variant)
as the object language.

jumbocode

Front End Developer

worked as front end developer to
implement geographic
visualization of news stories
for the Boston Institute of
Nonprofit Journalism.

nine bar espresso

barista