

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, SQL, Standard ML,
C++, Smalltalk, x86

COURSEWORK

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

SKILLS

SVG, Processing, p5.js, node.js,
LAMP stack maintenance, react & re-
act-native, data visualization de-
sign, interactive web design, audio
synthesis and instrument design

EXPERIENCE

cu bouler real estate center

FREELANCE WEB DEVELOPER

designed full stack solution to es-
tablish an online presence for the
Real Estate Technology Program at
Leeds School of Business, CU Boul-
der.

*department of computer science,
tufts university*

COURSEWARE DESIGNER

designed domain specific language
for writing automated tests of stu-
dent homework submissions and im-
plemented the DSL using metapro-
gramming techniques, with Lua as
the meta-language and micro-scheme
(an educational scheme variant) as
the object language.

*boston institue for nonprofit
journalism*

FRONTEND WEB DEVELOPER

worked as front end developer to
implement unique geographic visual-
ization of news stories.

ninebar espresso

BARISTA

tamper cafe

BARISTA, HEAD OF TRAINING