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 & react-native, data visualization design, interactive web design, audio synthethis and instrument design

EXPERIENCE

cu bouler 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 DESIGNER

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

jumbocode

FRONTEND WEB DEVELOPER

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

ninebar espresso

BARISTA

tamper cafe

BARISTA, HEAD OF TRAINING