

william webster mairs

EDUCATION

tufts university

Medford, MA
B.S. computer science
magna cum laude
2018

LANGUAGES

human languages

French, Spanish, Latin

machine languages

Python, Javascript, HTML & CSS,
SQL, Lua, C, C++, Java, Scheme

runners up

PHP, ksh/bash, Standard ML, Small-talk, x86

COURSEWORK

Web Programming
Web Systems Security
Programming Languages
Algorithms
Data Visualization
Mobile Development

SKILLS

Flask, sqlalchemy, SVG, Processing,
p5.js, node.js, LAMP stack maintenance,
data visualization design,
interactive web design, audio synthesis
and instrument design

EXPERIENCE

only sky

FULL STACK ENGINEER

developed back end architecture and UI for ecommerce platform and client data management. provided on-call, timely resolution of system-critical bugs. managed cloud server and performed database fixes and migrations. served as de facto project lead during dev team reorg.

*department of computer science,
tufts university*

COURSEWARE DESIGNER

designed and implemented domain specific language for writing automated tests of student homework submissions.

cu boulder

FREELANCE WEB DEVELOPER

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

*boston institute for nonprofit
journalism*

FRONTEND WEB DEVELOPER

coordinated with back end team to implement unique geographic visualization of news stories.