

SAM NOLTING

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Boston, MA

samnolting.com

Frontend Engineer & Interaction Designer

Startup Institute Boston: Web Design Track

- Led project teams to design and build Web apps for Sophity & Up Truck
- Implemented dynamic content loading, engaging interactions, backend integration, and beautiful UI with HTML, CSS, Javascript, and PHP
- Collaborated with backend developers, using Git, to implement frontend functionality in Ruby on Rails apps and deploy on Heroku
- Planned, conducted, and analyzed stakeholder and user research
- Pivoted via rapid prototyping, agile workflows, and lean principles

Boston, MA
Feb – Apr '17

STEM Education Coordinator

USS Hornet Sea, Air, and Space Museum

- Developed, delivered, and iterated physics and engineering design education programs, coordinating large team of staff and interns

Alameda, CA
Sep '15 – Nov '16

Science & Technology Teacher

Computer History Museum: Programming Instructor

- Innovated new curriculum and taught with Sonic Pi and Raspberry Pi

Aspire Golden State Prep Academy: Biology Teacher

- Created, assessed, and refined classroom systems, learning tools, interactions, graphic materials, and lab devices for high school

Mount Eden High School: Biology & Chemistry Teacher

- Designed, delivered, and assessed science lessons for three grade levels

Mountain View, CA
Oct '15 – May '16

Oakland, CA
'14 – '15

Hayward, CA
'11 – '12

B.S. Computer Science

University of Tulsa: B.S. with Honors

- TU Presidential Scholar
- Minors: Math, History, and Anthropology

Tulsa, OK
'08