Joshua Maas-Howard

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TECHNOLOGIES

PROFICIENT: JavaScript, React, Angular, jQuery, Node, Selenium, git, HTML, CSS
SOME EXPERIENCE: Python, Scheme, PostgresQL, MATLAB, machine learning

EXPERIENCE

Shcrödinger *Software Engineer* June 2017 – Present

- contributed features, bug fixes, and tests to LiveDesign, a data-heavy collaborative drug discovery platform built in React with home-rolled state management system
- helped to plan and implement sizable improvements to the plotting app (*Highcharts*)
- migrated formula app from content editable to third party library (*Quill*)
- trained and managed a more senior contractor, collaborated (with PM) to imagine and implement new plot types and features, as well as increase plot responsivity 2-5x
- conducted hiring, mentoring, and oversight of our team's first ever intern

T3: The Tutor Theories *Software Engineer* March 2017 – May 2017

- implemented features across the stack for an early-stage ed-tech startup

Fullstack Academy *Teaching Fellow* November 2016 – February 2017

- taught and mentored a team of students in web development technologies
- engineered on Agile team for Fullstack Academy's internal learning platform
- conducted technical admissions interviews for prospective students

VOLUNTEER

Code Nation (formerly ScriptEd) *Teacher & Liaison* August 2018 – Present

- engaged in advocacy and coordination between Schrödinger and Code Nation to establish an ongoing partnership and an onsite "Advanced Class"
- taught intermediate programming & web development to underserved high schoolers

EDUCATION

Fullstack Academy *immersive fullstack software engineering bootcamp* 2016
Selective four month program with full-stack JavaScript curriculum

University of California, Berkeley *B.A. (Cognitive Science)* 2008 – 2013
HONORS: Phi Beta Kappa, High Distinction (top 10% of class, 3.92 GPA)
RELEVANT COURSEWORK: Intro To CS, Structure & Interpretation of Computer Programs, Computational Models of Cognition

INTERESTS: CYCLING | SOCIAL JUSTICE | SUSTAINABILITY | PHOTOGRAPHY | ESPAÑOL