

"Advanced technology is indistinguishable from magic."
Arthur C. Clarke



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EXPERIENCE

ClassTracks, Product Engineer Lead

APRIL 2015 - PRESENT

Led a team of four using agile methodologies. Created and implemented an agile development cycle to improve developer workflow. Built a mobile version of the study tool, and a mobile version of the content creator.

PRODUCT ENGINEER

Architected and created the entire app in Meteor, React and Mongo. Built the content creation tool, the autosaving system, and the study tool.

Betamore, Workshop Teacher

NOVEMBER 2015 - PRESENT

Taught courses in HTML, CSS, JS, and in React to classes of up to a dozen students.

FULL STACK TEACHING ASSISTANT

Taught data storage, application structuring, authentication, and web systems in Node.

Venture for America, Fellow

JUNE 2014 - JULY 2016

Trained in principles of entrepreneurship at a five week camp. Recruited women-led companies as Rise Liaison. Chose future Fellows.

ZeroFox, Research and Development Engineer

AUGUST 2014 - FEBRUARY 2015

Built social media fraud analysis features in Scala. Created a social media scraper using Python. Implemented Dark Web scraper in JavaScript.

Penn Comp Sci Department, Teaching Assistant

AUGUST 2013 - MAY 2014

Guided students in core principles of quality, refactoring, and testing. Acted as project manager and supervised teams to develop applications.

EDUCATION

University of Pennsylvania, B.A. in Computer Science and Cognitive Science, 2014

Courses: Linux and Unix, Python, JavaScript, Algorithms, Databases, Security, Software Design, Web Systems

Activities: Women in Computer Science Mentor, Dining Philosophers Mentor

LANGUAGES & TECHS

Frameworks: Meteor, Laravel, Django, Rails

Frontend: HTML, SASS, JS, React

Backend: Node, PHP, Python, Ruby, Java, Scala, C++, C, QBasic

Databases: Mongo, SQL

Mobile: Android

PROJECTS

Edmodo API makes calls to Edmodo's REST API easy (Meteor)

Pindrop monitors your home for unexpected noise (Meteor)

VFA Atlas displays Fellow and Company information on a map (Meteor)

VFA Match matches Fellows with Companies (Laravel)

AutoCue assists presentations by displaying notes on Glass

BattleMind teaches people about bad passwords (Android)

AWARDS

Inaugural Fellow for Pioneer Baltimore 2016

Finalist for 2016 Baltimore Innovation Week Technologist

Top Ten Fellow at VFA training camp

Top Ten Finalist for Google Journalism Fellowship