

CHRIS ROTH

Software + Startups

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Independent Developer, May 2016 - Present

Built an AWS Lambda deployment to measure crop density from photos for automated agriculture startup

Worked with a client in the media space to move their frontend from Angular.js to React + Redux

Taught part of the Six Month Web Development Intensive at the New York Code + Design Academy

Self-studied data science (Python/Numpy/Pandas) while participating in Hacker Paradise in Jeju, South Korea

Spent 6 weeks at the Recurse Center in NYC exploring 3D/VR development with Aframe, Three.js, and WebGL

Founder, DoubleBlinded, Nov 2015 - May 2016

Founded DoubleBlinded.com with three cofounders, a health tech service for individualized, placebo-controlled kits

Interviewed with Y Combinator

Presented at MIT's Open Innovation Summit

Senior Software Engineer, Teachable, June 2014 - Feb 2016

First employee; architected a school-building dashboard using Angular.js, Node.js, Postgres, and Rails

Automated front-end testing with unit and end-to-end tests using Protractor, Mocha, Jasmine

Set up an automated end-to-end testing flow with Rails, Protractor, and Angular

Published open source Angular.js and Node.js modules on NPM and GitHub

Participated in pair-programming; code-reviewed pull requests; set up continuous integration

Software Developer, Walk [Your City], June 2013 - June 2014

Used Node.js to build a web app allowing users to design pedestrian street sign campaigns and submit orders

Built a backend system for Walk [Your City] to manage logistics of fulfilling orders and tracking sign installment

Software Engineer, Epic Playground, Jan 2012 - Feb 2013

First employee; joined founders in TechStars after raising a seed round

Built a realtime media analytics dashboard with Underscore, jQuery, Node, MySQL

Built an analytics backend with Java (DropWizard), Cassandra, Redis on AWS

Set up automated testing with Jenkins, TestSwarm, and BrowserStack

Web Application Developer, North Carolina State University, Sept '09 - Aug '11

Built web applications with PHP/Zend Framework using common patterns like MVC and ORM