TYLER CROSSE
WEB DEVELOPER

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BIOGRAPHY

I love learning, and teaching what I already know. I'm a resourceful web developer excited by building pragmatic features that enrich and streamline user experience. When I'm not attending hackathons or teaching other community members how to code, I'm on a bike, a mountain, an airplane, or buried in a good book.

EXPERIENCE

WEB DEVELOPMENT IMMERSIVE JUNIOR INSTRUCTOR

General Assembly | Washington DC | 2016

Taught 80+ hours of material on common best practices in object-oriented programming. MVC frameworks, data modeling, and test-driven development. Created original content on new topics including ES6, webpack, and react. Developed features and tests for internal tools including:

Spacey | spacey.wdidc.org

Space management and visualization tool.
postgreSQL | ActiveRecord | Rails | SASS | D3.js | Rspec

Garnet | garnet.wdidc.org

Classroom and student management tool.
postgreSQL | ActiveRecord | Rails | SASS | Github API | Rspec

WEB DEVELOPMENT IMMERSIVE STUDENT

General Assembly | Washington DC | 2015

Immersive full-stack development course covering Ruby, Rails, Sinatra, Javascript, Express, Angular, jQuery, PostgreSQL, and MongoDB. Developed a portfolio of individually focused and collaboratively focused projects including:

Git Preview | git-preview.herokuapp.com

Track visual changes between git commits.
postgreSQL | ActiveRecord | Rails | SASS | Github API | AWS S3

Beacon | beacon-wdi.herokuapp.com

Connect with travelers nearby, based on mutual interests.
MongoDB | Mongoose | Express | SASS | Facebook & Google Auth

CROSS COUNTRY CYCLING TRIP ROUTE LEADER

Bike & Build | Providence RI - Seattle WA | 2014

Co-led a group of 29 young adults from Providence RI to Seattle WA on bicycle for charity. Planned logistics of trip and maintained strong team cohesion.

EDUCATION

B.S. BIOMEDICAL ENGINEERING

Virginia Commonwealth University | Richmond VA | 2014

Courses included: Differential Equations, Linear Algebra, Multivariate Calc, Applied Statistics, Electric Circuits I-III, Computational Methods I&II, Signal Processing, & Engineering Design.

SKILLS

Front End

Javascript
ES6
jQuery
underscore
AJAX / JSON
Angular
React
D3
SASS
Gulp
Webpack

Back End

Ruby
Rails
Sinatra
Node
Express

Database

SQL
PostgreSQL
ActiveRecord
MongoDB
Mongoose

Testing

Rspec
Capybara
Jasmine

Methodologies

OOP
Test-Driven Dev.
MVC Pattern
Version Control
Agile Development
SCRUM
API Integration
Responsive Design

Other

Git/Github
AWS S3 & EC2
Digital Ocean
Photoshop
Illustrator
Sketch
Arduinos
3D Printing
Matlab