

Chris Tram

Web Developer

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SKILLS *Ruby • Ruby on Rails • JavaScript • Backbone.js • jQuery • Git • SQL • TDD • RSpec
Single Page App • Pair Programming • Jasmine*

PROJECTS **FosterPals.com (Github)**

Connecting people with animal rescue groups!

Ruby on Rails, Backbone.js, jQuery, Bootstrap

- Integrates Google Maps API with geolocation based searching to display location of other users on a map.
- Implements validation logic that identifies reservations with overlapping dates and prevents double bookings.
- Leverages Backbone.js to create a modern, dynamic UI; hooks into RESTful API serving JSON.

Space Debris! (Github)

Pilot your spaceship and destroy dangerous space junk orbiting the planet!

JavaScript, HTML Canvas

- Uses trigonometry to calculate ship velocity to ensure that the ship moves only in the direction of its unit vector.
- Randomly generates coordinates which are connected by lines to form debris objects of differing shapes and sizes.

Chess (Github)

The classic strategy game, played in the command line.

Ruby

- Designed with OOP principles; Chess pieces inherit from parent Piece class. Individual pieces mixin modules of shared code based on the piece's pattern of movement.

EDUCATION **App Academy**

Apr 15 - Jul 15

Full Stack Web Development School

San Francisco, California

- Less than 5% acceptance rate.
- Built Ruby on Rails and JavaScript programs on a daily basis following pair programming methodology.
- Emphasis on scalability, best practices and algorithms.

University of California, Davis

Oct 02 - Jun 07

Economics, B.A.

- Intro Computer Sci., Statistics, Linear Algebra, Differential Eqs.

EXPERIENCE **Payroll and Accounting Coordinator**

Dec 07 - Mar 15

Benetech

Technology Non-profit; Develops encryption software for activists.

Palo Alto, California

- Wrote Visual Basic macros to automate monthly calculations, halving time required to complete tasks.
- Identified error within monthly journal entries that saved tens of thousands of dollars.
- Proactively outlined and authored manuals for mission critical payroll tasks, now permanent part of position's reference literature.
- Created procedure for logging and synchronizing personnel data between Accounting and Human Resources.
- Team lead, reporting directly to the CFO.