Edwin Steinmetz

An imaginative tinkerer with a practical bent and a human focus.

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Languages: Ruby, Java, JavaScript, PHP, HTML/CSS

Technologies: Rails, Bootstrap, RSpec, JUnit, Capybara, jQuery, Backbone.js, D3, MySQL, PostgreSQL, Sinatra, Active Record, Git, ERB, EJS, Underscore.js, eclipse

Patterns: Object Oriented (OO); agile; Test Driven (TDD); Behavior Driven (BDD); Pair-programming; Engineering-Empathy (EE); Refactoring

Portfolio:

egitFlightPlanner - Java program

-https://github.com/Dwin357/egitFlightPlanner

-Tech: Java, JUnit, eclipse, git

-highlights: implements a Floyd-Warshall algorithm, implements recursive depth-first search of a tree data structure

dino\_catalog - Ruby program

-https://github.com/Dwin357/level\_up\_exercises/tree/master/dino\_catalog

-Tech: Ruby, RSpec

-highlights: normalizes non-uniform CSV files into model-objects with regular and irregular attributes, implements search of models by regular and irregular attributes, collection implements chainable method calls

maitre-dbc - Rails app

-http://maitre-dbc.herokuapp.com

-https://github.com/Dwin357/maitre-d

-Tech: Ruby, JavaScript, Rails, Backbone, D3, RSpec, Capybara, jQuery, PostgreSql, Active Record, ERB, HTML5, CSS

-highlights: group final project for DBC, built in 8 days. My role was implementing Backbone models, rebuilding D3 visual to use model data, getting data from D3 element to display on mouseover, setting up heroku, setting up sessions, and basic crud for guests.

Volunteer:

Code Platoon - Teaching Assistant

-3/15/16-5/17/16

-code platoon is a code-bootcamp focused on serving veterans with a ruby based curriculum

-my role is to provide after-hours support to students

Education:

Coursera - Machine Learning (in progress)

-online course on how to apply self-correcting algorithms to real-world problems

-https://github.com/Dwin357/machine-learning

-tech: octave

Dev Bootcamp(DBC) - Web Application Development

-intense development course built around engineering empathy and developing apprentice-style learners

-tech: Ruby, JavaScript, Sinatra, Rails, RSpec, jQuery, Active Record, Git

IL Institute of Technology(IIT) - B.S. Psychology

-4yr NL Held merit scholarship

-focused on the interaction between new information and self-referential systems

++interface application: when do users accept / reject / ignore data based upon presentation

++design application: how do design patterns / decisions adapt to new information

Experience:

ComPsych - FMLA Claims Specialist

-9/1/12-2/15/15

-effective communication in both client and customer(client-employee) facing roles

-determined probable liability of FMLA claims and administered qualifying absences

IL Army National Guard - Team Leader/Truck Driver

-8/9/09-8/31/15

-responsible for a team of 4-6 fellow soldiers

-maintained readiness of unit vehicles and equipment

Ice Breakers:

-I can go to the ground in half-pigeon and lizard pose

-I think the next comic-movie should be a Joss Whedon interpretation of Top 10

-I can spin liquor bottles, like Tom Cruise in Cocktail

-Friday nights I am better known as 'Sir Francis, High Elf of the Woods'

-I think Piketty's 'Capital in the 21st Century' is our generations 'General Theory' or 'Road to Serfdom'

-I think Alan Moore's 'Wildcats' was him drafting out ideas for 'Watchmen'

-I am a hopeless speller, but love to reason by analogy

-I LARP a ratkin in a OWBN chronicle

-I trade options, and sometimes even turn a profit at it