Wylliam Judd • Web Developer

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Projects

Collectize | Full Stack
Single page web app built on Ruby on Rails with React.
- Flux pattern and Restful APIs for a fluid user experience.
- Join tables allow user defined characteristics on collections.
- SQL metaprogramming enables advanced filters.

Word Chains | Front End
Native Javascript app finds the shortest chain between two words.
- Uses Polytree breadth first search to find shortest chain.
- Intelligently loads word tree for best performance.

Chess | Object Oriented Programming
- Beautiful DRY code using Polymorphic Inheritance.
- Classes use public API with encapsulated internal logic.
- Dependency Inversion Principle keeps all code elegant and easy to change and understand.

Education

App Academy | 2016
- Completed rigorous 1000 hour course independently.
- Curriculum focuses on coding best-practices including Object Oriented Programming, Agile Development, Test Driven Development, Data Structures and Algorithms.

Sarah Lawrence College | 2002 - 2007
Courses of study include robotics, neuroscience, and 3D modeling.

Work

ESL Teacher in Korea | 2012 - 2015
Developed engaging curriculum for students ages 6 to 60.

Farm Generalist | 2011 - 2012
Established and maintained relationships with clients to grow sales from less than $50k/year to $250k/year within two years.

Skills

Ruby
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Ruby on Rails
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RSpec
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SQL
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JavaScript
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jQuery
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React
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Flux
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HTML5
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CSS3
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Git