

Alan Tran

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PROJECTS

Pinoir.co - Rails · Backbone · Javascript

[live](#) · [github](#)

- Single-page photo management app using RESTful JSON Rails API, inspired by Pinterest
- Custom authentication using BCrypt to privately and securely store a salted hash
- Overrides Backbone's `model#parse` method to dynamically generate related photos

Avalon - Javascript · MongoDB · Meteor

[live](#) · [github](#)

- Asynchronous online mobile multiplayer social deduction game, supports multiple room instances
- Syncs users by listening to reactive objects. Uses a local cache to distribute asymmetric information

Chess - Ruby

[github](#)

- Leverages class inheritance to DRY code by separating sliding and stepping logic
- Looks ahead to validate if a player is in check and determine all playable moves for each piece.

SKILLS

Ruby · Ruby on Rails · JavaScript · Node · jQuery · Backbone.js · Meteor · SQL · MongoDB · git

EXPERIENCE

Web Developer, University of Waterloo FSAE Waterloo, ON, Canada — May 2014 - December 2014

- Oversaw design of team website using Ruby on Rails, Bootstrap, and HTML
- Website used to attract \$6000 in sponsors supporting the team's development

Data Analyst, Ecobee

Toronto, ON, Canada — April 2015 - June 2015

- Spearheaded a project that identified optimal advertising opportunities based on historical data.
- Analyzed annual sales and weather patterns for over 50 states using SQL and Google Analytics

EDUCATION

App Academy

San Francisco, CA, United States — June - September 2015

Acceptance rate < 3%. Immersive software development course with focus on web development and agile methodologies. Strong emphasis on code quality and design patterns.

University of Waterloo

Waterloo, ON, Canada — 2010 - 2015

BA · Accounting and Financial Management