

Douglas Teixeira

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Projects

PreventIT (RoR / JavaScript) [live](#) | [github](#)

Chronic Disease Management for Physicians and high risk patients.

- Predictive input select box performs a trigram search of diagnosis codes using AJAX calls to the server to update results as user types.
- Integrates with an ICD-10 API to fetch codes that aren't in the database.
- Generates alerts based on patient input using scheduled workers.

ActiveRecord Lite (Ruby) [github](#)

Mimics Active Record's ORM features.

- Interacts with the database through custom SQL queries.
- Dynamically defines associations using Ruby's `define_method`.

Asteroids (JavaScript / HTML5 Canvas) [github](#)

Classic browser arcade game.

- Renders with HTML5 canvas.
- Calculates movement and momentum using vector algebra.

Skills

Ruby on Rails, JavaScript, Backbone.js, SQL, HTML, CSS, Git, TDD, Java, VC++

Experience

Web Developer, Aynos Informatics, LLC (Apr. '14 – Present)

- Build dynamic, RESTful web apps using RoR, JS, and Heroku.

Co-Founder, EMR Transitions, LLC (May '12 – Present)

- Built and maintain client servers housing over 20,000 patient records.
- Managed HIPPA Compliance and security for client systems.
- Successfully implemented EMR systems, obtaining over \$120,000 in reimbursements through CMS Meaningful Use Program.

System Administrator, South Branch Family Practice ('10 – Apr. '12)

- Successfully troubleshoot EHR bugs (i.e: ePrescriptions not being sent).
- Built / configured 8 PCs, 15 laptops, printers & fax, and setup routing.
- Setup / customized EMR (SQL server / browser based application).

Education

App Academy, New York, NY (Dec '13 – Mar '14)

The College Of New Jersey, Ewing, NJ (Aug '07 – May '11)
BS Business Administration, Spec. in Marketing GPA 3.48, Dean's List