

Skills

Languages: Ruby Javascript, C++, Java, **Databases:** MySQL, Postgresql, MongoDB,
Testing: RSpec, Cucumber, Capybara, Watir. **Design:** HTML5, CSS3. **Libraries:** JQuery,
Jquery-Mobile **Frameworks:** Rails, NodeJS, Sinatra, **Gems:** Carrierwave, Devise and
Omniauth, Prye

Projects

IOT - Home Automation System

- Web interface for a home automation system where can manage household items
- Rake tasks to make requests to external applications in the background on a scheduled interval done with net/http library
- Built separate applications to mimic devices and mounted them as Sinatra applications, thus modularizing code
- Emails to users using the Rails Mailer class

Project Silver

- Trulia for Nursing Homes i.e. easing the process of finding a nursing home for the average consumer
- Modeled data using SQL workbench tool.
- Data was thoroughly normalized, ensuring optimal efficiency and referential integrity
- RSpec to write tests

Live Data Stream

- Web application to generate data and plot to a live graph
- Data is generated randomly and fed to front end using websockets
- Built with the MEAN stack (MongoDb, Express, AngularJS, and NodeJS)
- Utilized google charts API to plot and animate data

Custom Webscraper for Luxury Goods

- Using the mechanize and nokogiri gems (Ruby libraries), this script grabs pricing data and product information from luxury retailers related to product description and price information
- Strong understanding of DOM structure needed to grab appropriate data efficiently
- Script writes data to a CSV file

Social Network - Mobile Application

- Utilized JQuery mobile library for touch and swipe events
- Used AJAX to associate user input with model data
- Implemented routing to custom controller methods to achieve desired behavior
- Deployed application to android mobile OS

Employment

Stonesoft/Mcafee · Business Development NYC · Feb 2013 to Dec 2014

Stonesoft is a leading provider of next-generation firewall and IPS solutions. My role was to develop the client pipeline by effectively communicating Stonesoft's value proposition and technology to both technical and business people.

Contact

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Education

Turn To Tech

Web Developer

Mastered web application development fundamentals using the rails framework. Strong understanding of MVC architecture, database design and normalization, routing. Curriculum was mainly project based, each progressively revealing deeper and deeper knowledge of how a web application works.

CUNY Brooklyn

Psychology/Pre-Medical Studies 2012
Coursework: Calculus 1 and 2, Biology 1 and 2, Chemistry 1 and 2, Organic Chemistry 1 and 2, Physics 1 and 2, Experimental Psychology, Statistics and Probability

Awards

Hackerrank National Coding Competition Dec 2014

Placed 7th nationwide in a 24hr coding challenge covering general programming problems

Volunteering

Research Associate in Cognitive Neuroscience Sep 2010 to May 2012
Lab

Learning laboratory conducting experiments on theories of memory. Conducted experiments, input data, gave feedback on experimental design and direction

Psychology Club · Founder/President Sep 2010 to Jun 2012

Founded a still active club for psychology majors. Organized speaker events, lab demonstrations, and group trips to conferences