

Mason Jennings

ABOUT

t: 571-344-8692
e: masondjennings@gmail.com
github: github.com/mminute
blog: mminute.github.io
website: masonjennings.io

EDUCATION

Flatiron School - New York, NY - 2015
+ Full Stack Web Development, Ruby on Rails

University of Pennsylvania - Philadelphia, PA - 2007
+ BA Architecture

TECHNICAL EXPERIENCE

AlphaSights Pistachio - A business management app and data-store encompassing all business areas including project tracking, research, human resources, payments, and legal.
+ Supported repurposing of Pistachio into an API and facilitated extraction of functionality into separate applications.
+ Refactored code to remove abandoned features and improve overall stability.
+ Improved integration of Pistachio and Google Calendar Invites

ProveIt (proveitapp.herokuapp.com)- A Rails app enabling users to challenge friends to custom competitions.
+ Login using Devise augmented with OmniAuth for Facebook integration.
+ Dynamic visualization of user statistic using Chart.js.
+ Implemented AJAX for seamless user interface.
+ Designed and implemented Capybara behavioural tests.

LUMENSee (lumensee.herokuapp.com)- A Rails app that shows users a selection of the stars visible from their location given the level of light pollution in the area.
+ 3D visualization of star location and brightness using Highchart JS
+ Utilized the NREL API and the Digital Universe Star API to provide data on light pollution and star attributes.
+ Implemented HTML5 Geolocation and AJAX to acquire a user's location and pass it into the NREL API call.

EMPLOYMENT HISTORY

AlphaSights Inc
New York, NY

Software Engineer Apprenticeship
Oct. 2015 - Current

+ Maintained legacy Rails App with 177,780 lines of code.

+ Implemented analytics back-end in support of tracking Twilio calls and call quality. Established quality categories and rules against which to evaluate calls. Built means of aggregating metrics and issuing daily reports. Prepared metrics API endpoint in anticipation of producing graphic display of quality metrics.

Ramla Benaissa Architect
Philadelphia, PA

Intern Architect
Aug. 2013 - May 2015

+ Implemented products/construction materials database using MS Access and Visual Basic

+ Produced construction and design documentation using 3D modelling software.

+ Ensured compliance with municipal, state, and national building and fire codes as well as Americans with Disabilities Act.

Keystone Aerial Surveys
Philadelphia, PA

Aerial Sensor Operator
Mar. 2012 - Jul. 2013

+ Acquisition and quality control of aerial imagery, gps, and LiDAR data

+ Installation of aerial sensors and supporting electronics into aircraft.

+ Launched project to document and 3D model aerial survey equipment and relevant aircraft components in order to optimize equipment assignments and expedite installations.