Matt Bettinson

Software Developer

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Queen's University / BA General Computing

2014- 2017, Kingston, Ontario

mattbettinson.com

Experience

Rietta / Software Developer

July 2018 - PRESENT, Remote

Ruby on Rails developer specializing in secure agile web application development. Wrote conversion task to OCR PDF files stored in AWS and index them in Elasticsearch for http://www.tbpr.org/. Maintained and extended web application used internally by Georgia State Lawyers for the coordination of legal cases and internal documents. Assumed lead developer role to complete client effort on time and in scope, using code reviews and agile methodologies to finalize project. Assisted in client communication on multiple projects.

Infor / Developer Intern

March 2018 - June 2018, New York, New York

Added core functionality to court-side iPad application currently in use by the Brooklyn Nets coaching team for planning plays. Written in Swift v4.1, using agile methodologies.

Shopify / Payments Developer Intern

September 2017 - December 2017, Ottawa, Ontario

Worked in an agile Ruby on Rails environment. Refactored merchant facing order alerts model, allowing extendability and reducing internal complexity. Aided in efforts to rework the fundamental assumption that a Shopify Payments account can only sell and settle in a single currency, affecting tens of thousands of American and Canadian merchants. Fixed location bug in checkout process, saving potentially thousands of customers incorrect import fees. Worked on both back-end and front-end reworking merchant payouts scheduling to work with multiple selling currencies. Worked on large-scale Resque maintenance task to backfill every order in Shopify with a currency, affecting every single shop in Shopify.

Personal Projects

Progression

Simple terminal progress bar gem published on RubyGems for use in Ruby on Rails applications. Information: mattbettinson.com/progression

Bayes Tag Classifier

An implementation of the Naive Bayes classifier machine learning algorithm in Ruby. Source: https://github.com/bettinson/bayesian-tag-suggestion

ImageUploader - A complete image sharing social network

Complete image sharing social network deployed on a Digital Ocean server, written in Ruby on Rails, images served from Nginx

Utilizes carrot-lang, a template language I wrote to give users control of the layout of their personal pages. Source: https://github.com/bettinson/Imageup

PicText - A Picture to Text Convertor

Previously on the App Store, programmed in Swift, over 1000 downloads. Created to send picture messages over an SMS plan for free by encoding images into binary picture data that can be copied to the messages app. Source: https://github.com/bettinson/pic-text

Languages
Ruby, Java, Python, Go