

Bryce Dorn

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Work

Onion, Inc.

Front-End Software Engineer – theonion.com

Building the tech behind America's finest news source.

Chicago, IL

Jan 2017 – Present

Vaystays, Inc.

Full-Stack Software Engineer – vaystays.com

Led development of the vacation rental company's new white-label product and checkout process. Built out a front end in React on top of a legacy Rails architecture with GraphQL & Relay serving data between.

Chicago, IL

Sept 2016 – Jan 2017

Avant, Inc.

Software Engineer, CRM – avant.com

Developed the proprietary CRM platform used by the operations and servicing side of the company. Orchestrated a rewrite of the "Workflow" aspect of the application to move to a service-oriented architecture.

Chicago, IL

July 2015 – Aug 2016

Avant, Inc.

Software Engineering Intern – avant.com

Learned first-hand about application and database design; gained experience with API service integrations using Ruby and data visualization using JavaScript.

Chicago, IL

Summer 2014

Skills

Languages: Ruby, JavaScript, Python, MySQL, PostgreSQL, GraphQL, \LaTeX

Frameworks: Rails, Sinatra, Django, Flask, Angular, Node

Web: React, HAML/SCSS, jQuery, D3.js

Development: Git, SVN, CI (Circle, Travis), Error Monitoring (NewRelic, Honeybadger)

Design: Photoshop, Illustrator

Projects

bryce.io – *bryce.io*

A personal website written in JavaScript/React that adheres to the Flux architecture. Uses the library TweenLite to animate a carousel of icon links.

apod.us – *github.com/brycedorn/apod-us*

Gave *Astronomy Picture of the Day* a facelift with React & Sinatra. Hits the original site for data daily and stores on a separate database with a simple, queryable API.

react-intense – *github.com/brycedorn/react-intense*

Ported a JavaScript image-viewing library by Tim Holman to React for easier componentization and re-usage. Added some efficiency improvements and customizability along the way.

cerebro – *github.com/brycedorn/cerebro*

A side project done while at Avant to listen to and visualize a stream of events hitting Avant's database (e.g. loan approval, rejection). Written in Sinatra & D3.js; visualizes a map of the US with colorful animations moving to & from the company's headquarters in Chicago.

katatokei – *katatokei.me*

A final project for CS467, Social Visualization. Implemented a dynamic clock design inspired by the excellent Japanese video game *Katamari Damacy* using D3.js.

Education

University of Illinois

College of Engineering, B.S. in Computer Science

– Focus on application design & data visualization, electives in graphic design

– Organizations: Star Course, ACM, Founders, buzz Magazine

Urbana-Champaign, IL

Fall 2011 – Spring 2015

Interests

Non-exhaustive and in alphabetical order: Art, cats, classical music, data visualization, e-sports, gaming, Japan, music festivals, soccer, travel, typography, UI/UX.