

Bryce Dorn

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Work Experience

Avant, Inc.

Chicago, IL

Software Engineer, CRM – avant.com

July 2015 – Present

Developer for Avant's CRM platform, the primary application used by the operations and servicing side of the company. Orchestrated a large-scale rewrite of the "Workflow" aspect of the application to move to a service-oriented architecture.

AvantCredit, Inc.

Chicago, IL

Software Engineering Intern – avantcredit.com

Summer 2014

Built a Rails application from scratch to create a way to streamline project management that is still used today. Learned first-hand about application and database design; gained experience with API service integrations using Ruby and data visualization using JavaScript.

StyleSeek, Inc.

Chicago, IL

Software Engineering Intern – styleseek.com

Winter 2012 - Summer 2013

Worked on various different projects impacting the company's workflow and user experience. Helped execute a complete frontend redesign and created a bug reporting tool to increase turnaround time for fixes. Gained experience with Ruby, Rails, & frontend development.

Project Experience

Cerebro – github.com/brycedorn/cerebro

A side-project to listen to and visualize a RabbitMQ stream of actions on loans hitting Avant's database (e.g. approval, rejection). Written in Sinatra with D3.js on the frontend; visualizes a map of the US with colorful animations moving to & from Avant's headquarters in Chicago.

bryce.io – bryce.io

A simple personal website written in JS/React that adheres to the Flux architecture.

minitranslate – minitranslate.herokuapp.com

A small javascript plugin to facilitate creation of simple translators, deployed to npm. Used to develop minionstranslator.com, to help translate between English and the language of Minions.

katatokei – katatokei.me

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

Smart Pokédex – github.com/brycedorn/smart-pokedex

A final project for CS410, Text Information Systems. Written in Sinatra & lunr.js; queries an index of data scraped from the Wikipedia entries for the original 151 Pokémon.

Education

University of Illinois

Urbana-Champaign, IL

College of Engineering, B.S. in Computer Science

Fall 2011 – Spring 2015

- Focus on application design & data visualization, electives in graphic design
 - Organizations: Star Course, ACM, Founders, buzz Magazine
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Skills

Languages: Ruby, JS, Python, C/C++, MySQL, PostgreSQL, GraphQL, L^AT_EX

Frameworks: Rails, Sinatra, Node, React, Angular

Web: HAML/SASS, REST, jQuery, D3.js, Paper.js

Development Tools: Git, Subversion, Heroku, CircleCI, NewRelic, Honeybadger

Design: Photoshop, Illustrator

Interests

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