Bryce Dorn

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Work Experience

Avant, Inc.   Chicago, IL
Software Engineer, CRM – www.avant.com   *July 2015 – Present*
Formerly AvantCredit, started working full-time at Avant this summer on the team developing the CRM platform, the primary application used by the operations and servicing side of the company. Mainly working with Ruby/Rails and JavaScript, with design and UX considerations throughout.

AvantCredit, Inc.   Chicago, IL
Software Engineering Intern – www.avantcredit.com   *Summer 2014*
Built my own Rails application from scratch to create a way to streamline project management. 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 – www.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

minitranslate – *www.minitranslate.herokuapp.com*
A small javascript plugin to allow a simple translator to be made easily, deployed to npm. Used to develop minionstranslator.com, a tool to translate between English and the language of Minions.

katatokei – *www.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 Pokèdex – *www.github.com/brycedorn/smart-pokedex*
A final project for CS410, Text Information Systems. An application written in Sinatra & lunr.js that queries an index of data scraped from the Wikipedia entries for the original 151 Pokèmon to return more precise results than traditional web search engines.

star-course.com – *www.star-course.com*
Created a website for Star Course, a student-run concert production organization while acting as the lead design manager. Uses a JavaScript parallax scrolling plugin.

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

Skills

Languages: Ruby, Python, C/C++, JavaScript, MySQL, PostgresSQL, MongoDB, LaTeX

Frameworks: Rails, Sinatra, Flask, Node, AngularJS

Web Development: HTML+CSS, HAML+SASS, REST, jQuery, D3.js, Paper.js

Development Tools: Git, Github, Bitbucket, SVN, Heroku, Pivotal, Solano, NewRelic, Honeybadger

Design: Photoshop, Illustrator

Interests

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