

Dan Burnette

FULL STACK WEB DEVELOPER



Contact

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+ PROFESSIONAL HIGHLIGHTS

I began my career in software five years ago after attaining a minor in computer science and then attending a coding bootcamp - MakerSquare (now HackReactor). After that I was the sole web developer at an agency called Watershed 5 where I handled all aspects of web development for a variety of clients. I did everything from javascript animation heavy marketing sites to custom wordpress plugins to rails applications and even a web game. My primary responsibility, in between all these other projects, was the development of an MVP of Splashmetrics, a marketing planning platform. I've recently gone indie and have been developing my own applications. My current project is [The Scientific Meal Planner](#), which I hope to grow into the definitive resource for those trying to eat healthy based on what the science says is best.

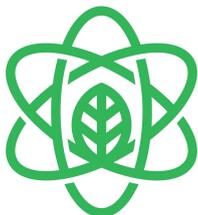
+ DEVELOPMENT SKILLS

Technologies &
Languages

Ruby + Rails, Javascript + React + Redux + Stimulus, HTML + CSS + Sass, PHP + Wordpress

+ EDUCATION & PROJECTS

Oct 2019 - Present



The Scientific Meal Planner (Oct 2019 - Present) ([Website](#))

The Scientific Meal Planner is my first attempt at being an [indie hacker](#). In short, it takes the recommendations of nutrition science and generates meal plans that adhere to those rules. The idea is to make it as easy as possible for people to eat healthy. It's live but still under active development, see what I'm working on now on the [public trello](#).

Built using Ruby + Rails, Javascript + Stimulus JS, SASS

2014 - Sept 2019



Watershed 5 (2014 - 2019)

Watershed 5 is a small digital agency I began work at in 2014 as the sole developer. Since then, I've handled a variety of projects from start to finish, teaching myself new technologies and strategies along the way.

Splashmetrics (2014 - 2019) ([Marketing Site](#))

Splashmetrics is an application that helps companies create a strategic marketing plan and measure its effectiveness. This application represents our efforts to bootstrap a startup in the downtime between various agency projects and was my primary responsibility at Watershed 5. It was accepted into the Capital Factory startup accelerator. Most of the client projects below have been connected to the analytics component of Splashmetrics which provided clients a view of how their marketing content was performing.

Built using Ruby + Rails, Javascript + React + Redux, SASS

FlashParking HTML5 Game (2017 - 2018)

In collaboration with a designer (non-coding), I created a promotional web game for our client FlashParking. Users can create an account using their email address and have their scores tracked and appear on the leaderboard. A competition was run to give out a prize to the top place. Sadly it was taken offline after the promotion was complete.

Built using Ruby + Rails, Javascript + PhaserJS (Game framework)

CA Technologies Marketing Website Series (2014 - 2017)

In collaboration with a designer (non-coding), I created a series of 20+ marketing websites for our client CA Technologies. These were heavy on javascript animation and a bit more on the creative side. Their primary function is generation of new leads, and thus they are integrated into Marketo via API. These come in two varieties, assessments and calculators, which can be viewed here:

[Assessments](#)

[Calculators](#)

Built using Javascript + GSAP (animation), CSS, PHP + Wordpress (API integration)

PlayAGS.com Wordpress Website Custom Plugin & Theme Customization (2017)

I developed a wordpress plugin to facilitate the internal sales team's process. It involved the creation of a drag and drop interface where sales people could create and save sets of slot/gambling machines tailored to particular clients. I also customized the user signup/admin approval process to their needs. I also created a process to connect their (external) slot database to the website to enable the creation of a more granular filtering system, which you can see [here](#).

Various Wordpress Customizations (2014 - 2017)

I handled wordpress theme customizations for various clients over the years.

2014

Student Developer
MakerSquare (Now
HackReactor)



MakerSquare (now **HackReactor**) is a highly selective coding school that trains software developers through a twelve week, in-person accelerated learning program.

Topics include Ruby on Rails, JavaScript, jQuery, HTML/CSS, Git version control, and other technologies.

Score Settler (2014)

Score Settler is tournament administration web application with social features. It allows you to create a group, invite your friends, and run tournaments within your friend group. Stats are tracked and displayed across tournaments, amongst other features.

Built using Ruby, Rails, and Javascript/Jquery and AJAX.

[See it live](#)

[See the code](#) (Note: 5 years old; not representative of current abilities)

RARMV: Rails ActiveRecord Model Visualizer (2014)

RARMV takes in a github URL of a rails project and generates a diagram of the ActiveRecord model relationships. It scrapes the given URL for the necessary data and generates the appropriate graph. It helps developers visualize their projects.

Built using Ruby, Rails, and Javascript.

[See it live](#) (Note: over the years this appears to have broken - check out the ReadMe for an idea of how it once worked.)

[See the code](#) (Note: 5 years old; not representative of current abilities)

2010-2014



THE UNIVERSITY
OF IOWA

Student at University of
Iowa

Bachelor of Science in Biology: Genetics & Biotechnology
Minor in Computer Science

At first I was interested in a career in biological research, particularly in bioinformatics. As I learned more about programming, I began to realize that it had taken over biology as my primary interest. After graduation I decided to pursue this and that's what led me to MakerSquare.

+ PREVIOUS EXPERIENCE

2012-2014

Research Assistant
Engelhardt Gene
Therapy Research
Laboratory

Assisted with cystic fibrosis research using a mouse model to investigate tracheal stem cells and their proliferation upon damage to the cystic fibrosis airway epithelium.

Performed various experiments under the direction of Ph.D candidates in the department of Anatomy and Cell Biology.

Developed the UI for a Ph.D candidate's bioinformatics application using python.