

Christopher Umbach

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PROJECTS **FoodieFridge** (Rails, React) | *Full-stack engineer* [live](#) | [github](#)

Unique web app for finding recipes based on ingredients in your fridge

- Implements custom authentication using BCrypt to store password as secret hash
- Search page updates results in real-time with recipes found using web API from Yummly.com
- Intuitive drag-n-drop UI to create filters and additional search options

Bombberman.js (Javascript, HTML5 Canvas) | *Front-end engineer* [live](#) | [github](#)

Based on the classic game for Nintendo

- Implemented the use of sprites and custom game platform

JQuery Lite (Snake) (Ruby) | *Full-stack engineer* [github](#)

JQuery Lite based DOM manipulation, traversal, and selection library.

- Utilizes DOM interface for powerful methods that simplify client-side HTML scripting.
 - Attribute setting allows arbitrary data to be stored on and retrieved from DOM elements.
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SKILLS **Ruby, Javascript, Rails, jQuery, React.js, HTML, CSS, SQL, git, RSpec, HTML5 Canvas**

EDUCATION **Web Development - App Academy, SF (Fall 2015)**

- 12-week intensive Full-Stack web development course
- Built lightweight versions of ActiveRecord and Rails, in addition to JQuery.

BS Biochemistry, Business Minor - Lehigh University, PA (2012)

- Graduated with Honors, 3.43 GPA
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EXPERIENCE **Extractions Chemist - Con-Test Analytical Laboratories, MA (Feb - Oct 2015)**

- Extracted chemical compounds from environmental soil and water samples using standard practice methods for analysis of potential pollutants
- Employed various sample management and troubleshooting techniques for sample control failure at GC-MS analysis stage

Trade Advisor - Ubifrance - French Trade Commission, NYC (2012-2014)

- Performed a wide range of consulting services for early and middle-stage French companies in the pharmaceutical, biotech and medtech industries
- Worked closely with other team members, as well as with French clients and American contacts in order to facilitate their expansion in the United States