Colton T. Brown

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Education

Duke University

Computer Science (BA)

Physics (BA)

Class of 2013

Skills

> Expert in full-stack javascript development using Node, Express, Backbone, and React+Flux

> Extensive experience with HTML5, CSS3, CoffeeScript, PHP, Redis, MySQL, Bash, and Objective-C

Projects

Ice-js

A framework for building single-page javascript apps with Express.js

April 2015 - Present

Pay with Bitcoin

A browser extension and supporting API that allows users to pay with bitcoin on supported e-commerce sites.

February - May 2014

Accordion

A lightweight CSS implementation of a content accordion. Used in the Honey browser extension

March 2015

Job History

Honey

Pasadena, CA

Full-Stack Developer

July 2013 - May 2015

> As the company's first full-time engineer, I built the foundation of our web platform in PHP and MySQL, paving the way for growth and monetization

> I worked closely with the design team to develop compelling web experiences in HTML and CSS

> I implemented a custom site architecture in Node.js and React that rendered pages efficiently, supported complex UI features, and allowed dynamic content to SEO well

Kymanox

Durham, NC

iOS Developer

May - August 2012

> I built and released the company's first iPhone game with a heavy emphasis on animation using Objective-C with CoreAnimation.

> I created a mobile-optimized front-end for one of the company's key web products using HTML and CSS with ASP.net

Duke Neurobiology

Durham, NC

Research Assistant / Programmer

Nov 2011 - May 2012

> I built a desktop graphical user interface that greatly simplified the process of identifying and measuring brain cell activity in living songbirds. I'm told the lab technicians still use it today

Duke Department of Physics

Durham, NC

Research Assistant / Programmer

May-July 2011

> I wrote image analysis scripts in MATLAB that collected experimental data from an ultra-high-speed camera. This data was later published in a scientific journal