

mackinley smith

designer × developer × programmer × analyst × consultant × **entrepreneur**

Contact Info

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Education

Michigan State University (2010-2014)

Bachelor of Science in **Media & Information** with **Web Design** Specialization and **Interactive/Social Media** Concentration.

Work Experience

The Song Market: Chief Operations Officer (COO) 2014 - Ongoing

Folyo: Chief Technology Officer 2014 - Ongoing

Fantastic Finds: Contracted Developer 2014 - Ongoing

Michigan Princess: Contracted Developer 2014 - Ongoing

Optovue: Contracted Developer 2014 - Ongoing

Michigan State University: Contracted Developer 2014 - Ongoing

Eightfold Marketing & Creative: Contracted Developer 2014 - Ongoing

CollegePosty: Contracted Developer 2013 - 2014

Web Ascender Internship 2013 - 2014

Contributed to development of a plethora of projects over 1.3 years, including but not limited to Boast.io, CorkCRM, Patient Support, Book Brainer, Fund Lansing, Post Kudos, MSU Today, National Grid, SMARTICE, and Grand River Connection.

Lockwood Media Group 2011 - 2013

Created an online video on demand system with PHP, a mobile webapp with jQuery Mobile, and a native phone app with Apache Cordova.

Engineered an intranet software capable of capturing and streaming live 1080p video footage across a network with eventual remote backup to Amazon S3.

Digital Printing & Graphics, WhatsInYourArea.com 2010-2011

Responsible for the design and programming of a small group of PHP-based websites offering free media content for download.

Indie Projects

Homegrid, a cloud/intranet based modular home security software.

Gridbolt, a WiFi deadbolt unlocker and knock sensor based on the Spark Core.

Gridwatch, a WiFi camera streamer and Rails server based on the Raspberry Pi.

Polyblock, a Rails gem plugin that adds a powerful inline CMS to any project.

HyperDrive, an Android app that augments the experience of driving a car.

Cytoplasm, a layout management system with an onboard LESS compiler and embedded jQuery library, packaged as a gem plugin for use with Ruby on Rails.

Sky-Locker, a file storage system with AJAX using PHP and jQuery.

Skills

Ruby, **Ruby on Rails**, Sinatra

HAML, **SASS**, **CoffeeScript**

RSpec, **Capybara**, **Cucumber**

HTML, **CSS**, **JS**, **jQuery**

Haskell, **Clojure**, **Elixir**

Android Java

PHP, **MySQL**

Appcelerator Titanium

Google APIs for Maps, YouTube, OAuth

Facebook Apps, **Pagetabs**

Apache, **nginx**, Passenger

Python, Java, C, C++

Windows, **Mac OS X**, **iOS**, **Android**

CentOS, **Ubuntu Server**, Raspbian

PayPal, **Stripe**

API Construction

Arduino, **Raspberry Pi**, **Spark Core**

Amazon AWS, Rackspace, Digital Ocean

PhoneGap, jQuery Mobile

SQL Server, SQLite, **PostgreSQL**

FFmpeg, AVconv, Transloadit

Photoshop, most Adobe Products