

CAMERON J. BYTHEWAY

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EXPERIENCE **Web Engineer** August 2012-Present
FamilySearch, Orem, UT

- Architected, designed, and implemented Hypermedia APIs to improve performance and caching
- Maintained front-end platform toolset and libraries
- Developed and maintained user settings page

Founder/CTO January 2012-Present
Nujii Labs L.L.C., Provo, UT

- Architected a distributed server system for real-time, collaborative audio recording and processing
- Implemented cross-platform [user interface](#) using Angular.js

Web Developer April 2010-August 2012
Center for Teaching and Learning - BYU, Provo, UT

- Designed and developed RESTful web services and database schema for [BYU's learning management system](#); used by all faculty and students on campus (apx. 30,000 users)
- Created [BYU Flashcards](#) learning/memorization web application and implemented the Leitner spatial recognition algorithm
- Incorporated video streaming/recording in [BYU's Digital Dialog](#), a web discussion application

iOS Developer August 2010-Present
Bytheway Apps, Provo, UT

- Created an iPhone/iPod [metronome application](#) with over 80,000 downloads
- Freelanced a dating app for [NiftyDateIdeas.com](#)

TECHNICAL SKILLS **Languages**
Erlang/OTP, JavaScript/CoffeeScript/Node.js, Objective-C, Ruby, Python, Clojure, PHP, C, Haskell, C#, Java, Shell, Assembly, ActionScript

Frameworks
Angular.js, Cowboy, Riak Core, Webmachine, Express, Cocoa

Databases
Riak, Redis, MongoDB, Postgres, SQLite

EDUCATION **Computer Science** 2009-2012
Brigham Young University, Provo, UT
Major GPA: 3.8

VOLUNTEER **Volunteer Representative** 2007-2009
The Church of Jesus Christ of Latter-day Saints, Madrid, Spain

Eagle Scout 2004
Boy Scouts of America

SKILLS AND INTERESTS **Music**
Drums, Percussion, Audio Recording/Production

Spanish
Fluent in reading, writing and communicating