

# Kevin Fielding

SOFTWARE  
WEB  
MUSIC }

## Employment

April 2014 - Present

### Director of Engineering - PonoMusic

- Organize, cost, and manage both contract and in-house development efforts for new projects on mobile, web, and desktop.
- Maintain a large, evergrowing audio metadata library via AWS DynamoDB (NoSQL) and Aurora (MySQL) synced with CloudSearch and sourced from DDEX and CSV feeds. Processed daily via PHP on EC2 instances.
- Design UI and software for handheld PonoPlayers (built on Android) as well as mobile and desktop music management software (C++, Objective-C).
- Responsible for all deployments to our production instances which are built on Salesforce and use Node.js, Handlebars, Grunt, SASS, and Apex.

August 2011 - April 2014

### Sr. Software Engineer (Full Stack) - Zynga

- Architect frameworks for large features in PHP, JS, Java, Objective-C, and AS3.
- Cost projects and assign phases to team members with matching skillsets.
- Perform technical interviews for engineering candidates both on site and over the phone.
- Interact with project managers, producers, and art to diagnose production issues and bugs that may arise.

March 2010 - July 2011

### Software Engineer - ITS eLearning Inc.

- Program games and learning activities daily via AS3, Flex 4, PHP, JavaScript, and HTML5.

## Education

September 2008 - April 2011

### University of Western Ontario

Bachelor of Science (Honors Specialization)

Major: Computer Science

Minor: Game Development

- Computer Science Dept. Representative on the Science Faculty Student Council (SSC)
- VP Social in the Computer Science Undergraduate Society (CSUS)
- Played on the varsity ultimate frisbee team
- Completed an applied music study (classical guitar)

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## Skills

### Languages:

- C++
- C
- Objective-C
- Java
- Apex
- PHP
- JavaScript
- Python
- Perl
- HTML5
- CSS
- ActionScript
- Flex

### Libraries, Frameworks & Platforms:

- AWS
- Google Cloud Platform
- MongoDB
- iOS and OS X
- Android
- Heroku
- Bower
- Node.js
- Grunt
- Backbone
- Handlebars
- SASS & Less
- Facebook
- Salesforce
- Windows

## Interests

Playing instruments and learning new ones, surfing, hockey, and travel. I'm also a novice motorcycle mechanic and enjoy working on my bike over weekends.