

# Eric Bai

Computer Science and Business Administration  
ebai@uwaterloo.ca

## SKILLS

### LANGUAGES

Javascript • C# • Java • C++  
HTML • CSS • SQL  
Ruby • PHP • C

### TOOLS AND FRAMEWORKS

Android • NodeJS • MVC Frameworks  
Ruby on Rails • Git • Gradle • JQuery

## EDUCATION

### UNIVERSITY OF WATERLOO

BACHELOR OF COMPUTER SCIENCE  
Expected Aug 2018

### WILFRID LAURIER UNIVERSITY

BACHELOR OF BUSINESS  
ADMINISTRATION  
Expected Aug 2018

## LINKS

ericbai.co  
github.com/baieric  
linkedin.com/in/baieric

## RECOMMENDATIONS

"Eric has been a great asset to the team. He's inquisitive, detail oriented, and has a strong work ethic. He has a positive attitude and works harmoniously with the team. We will miss him!"

- Joseph W, Desire2Learn

"Eric is hard working and always shows enthusiasm for assigned work. He consistently delivers quality work and completes assignments quickly. He is a very intelligent individual and will definitely excel in his chosen field."

- Earl A, REA Inc.

## EXPERIENCE

### DESIRE2LEARN | SOFTWARE DEVELOPER

Jan 2015 – Apr 2015 | Kitchener, ON

- Integrated Turnitin LTI compatibility within D2L's learning environment using C#, the MVC pattern, stored procedures in SQL, and Javascript
- Implemented and maintained over 40 new and existing features in an agile development team
- Developed controls and views that asynchronously update using JSON received from callbacks from automated jobs
- Wrote over 100 unit and integration tests using NUnit
- Received peer recognition award for finding and resolving security issues in the learning environment

### REA INC. | PROGRAMMER

May 2014 – Aug 2014 | Toronto, ON

- Created websites from scratch using PHP (Yii Framework) with MVC pattern and MySQL
- Developed freelancer employment website for a client (caymanfreelancers.com)
- Implemented back-end features such as different user types, complex database queries, cron jobs, Ajax callbacks, JSON encoding, API implementation
- Developed front-end designs with responsive interface and Bootstrap
- Improved efficiency of an automated email task for a client with over 1,000 subscribers

## PROJECTS

### CARDBOARD TRANSLATE | HACK THE NORTH

Sep 2015 | [devpost.com/software/cardboardtranslate](http://devpost.com/software/cardboardtranslate)

A mobile augmented reality app, where the user performs gesture controls to translate text that they see around them. Used Google Cardboard and Thalmic Labs Myo armband. Built with Android, Google Translate API, and Tesseract OCR.

### XCERPT | PERSONAL PROJECT

Aug 2015 | [github.com/baieric/xcerpt](https://github.com/baieric/xcerpt)

An Android app released on Google Play for making links posted on Twitter more beautiful and engaging. Uses asynchronous tasks and Tesseract OCR to read text from images. Built in Java with Twitter API and Bing Search API.

### THE RESISTANCE WEB APP | ENGHACK

Mar 2015 | [play-resistance.herokuapp.com](http://play-resistance.herokuapp.com)

A multiplayer web app adaptation of the game The Resistance with real time updates. Built with NodeJS and SocketIO in 24 hours. Placed in the Top 10 at EngHack.

### CROWDSURF | MCHACKS

Feb 2015

A social web application for sharing playlists, like Github for music. Built the front-end at McHacks using React and Spotify API, and then continued as a side-project using Ruby On Rails.