

Eric Bai

Computer Science and Business Administration
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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

INTERESTS

- Graphic design, UI/UX design
- Computer hardware
- Writing
- Photography
- Board games

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

XCERPT | PERSONAL PROJECT

Aug 2015 | 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.

WESPORTS | BATTLEHACK

Jul 2015 | github.com/abaek/we-sports

An Android app for organizing pick up sports games. Users can subscribe to sports to receive notifications when events are created near their location. Built using Java and Parse API.

THE RESISTANCE WEB APP | ENGHACK

Mar 2015 | 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.