

Eric Bai

Computer Science and Business Administration
ebai@uwaterloo.ca | (416) 319-1222

SKILLS

LANGUAGES

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

TECHNOLOGIES

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

ALGORITHMS

I answer HackerRank algorithm and data structure problems. See my solutions at github.com/baieric/hackerRank

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

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

REA INC. | PROGRAMMER

May 2014 – Aug 2014 | Toronto, ON

- Created websites from scratch using PHP with the MVC pattern and MySQL
- 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

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

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 events using a publisher-subscriber notification system. Built in Java with Parse API for the database.

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 app 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.