Eric Bai

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SKILLS

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

TECHNOLOGIES
Android • NodeJS • MVC Frameworks
Ruby on Rails • Git • Gradle • JQuery
SocketIO • Linux

ALGORITHMS
Continuously solving algorithm and data structure problems from HackerRank. Solutions shared 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

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. | Full-Stack Programmer
May 2014 – Aug 2014 | Toronto, ON
- Created several websites from scratch using PHP with the MVC pattern and MySQL (example: caymanfreelancers.com)
- Implemented 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 with over 1,000 subscribers

PROJECTS

XCERPT | Personal Project
github.com/baieric/xcerpt
An Android app released on Google Play for making links posted on Twitter more beautiful and engaging. Uses asynchronous tasks to process results from Tesseract OCR, Twitter API and Bing Search API. Conducted UX testing and used Material Design for polished feel.

THE RESISTANCE WEB APP | EngHack
play-resistance.herokuapp.com
A multiplayer web app for the game The Resistance with real time updates. Built with NodeJS and SocketIO in 24 hours. Placed in the Top 10 at EngHack.

CARDBOARD TRANSLATE | Hack the North
devpost.com/software/cardboardtranslate
A mobile augmented reality app with gesture controls to translate text that the user sees. Used Google Cardboard and Thalmic Labs Myo armband. Built in 36 hours with Android, Google Translate API, and Tesseract OCR.

CROWDSURF | McHacks
A social web app for sharing playlists, like Github for music. Built with React, Ruby on Rails, and Spotify API.

CARPAL | BattleHack
github.com/baieric/carpal
An Android app for organizing carpools using advanced filters to match drivers and riders. Pitched product to Metrolinx. Built in Java with Parse API.