

BO LIU

Permanent Resident
205 - 2700 Acadia Road, UBC, Vancouver, BC, V6T 1R9

T: 778-836-0999
E: liubo2055@gmail.com

EDUCATION

- Web and Mobile Application Development Certificate, BCIT 2014 - 2015
- Advanced Java Development Certificate, BCIT 2015 - 2016

HIGHLIGHTS OF QUALIFICATIONS AND SKILLS

- **Front-End:** HTML5, CSS3, JavaScript, jQuery, Bootstrap, Angular JS
- **Back-End:** PHP 5.6, Laravel 5.1, WordPress, Node.js (Express), Parse, JSP, ASP.NET
- **Database:** MySQL, SQL Server, MongoDB (Mongoose), Data Warehouse
- **Mobile Programming:** Android SDK, Cordova, iOS SDK, Java, Objective-C
- **Methodologies:** OOP, UML, Entity-relationship diagram, Data flow diagram, Agile

RELEVANT EXPERIENCE

Project 1: Web Application with PHP, MySQL, and Laravel 5.1 May – July 2015

- Developed and implemented a web flashcards application based on LAMP and laravel framework
- Implemented front-end UI with blade templates, bootstrap, jQuery, and CSS animation libraries
- Developed the middle business layers to create, show, edit, study, and test user's flashcards with laravel routing, authentication, model factory, mail, hashing, validation, and Eloquent ORM libraries.
- Designed a MySQL Database and set up test data with laravel migrations and seedings
- Tested the web application with PHPUnit and SimpleTest library
- Please visit <http://choco.sytes.net:333/assignment3> to see the web application preview

Project 2: A Landing Page with HTML, CSS, and JavaScript Sep – Dec 2014

- Developed a landing page for BCIT iOS App based on jQuery, Bootstrap, and CSS animations
- Please visit <http://liubo2055.github.io/landing> to see the website preview

Project 3: An Android News Publish and Reader App with Java and Node.js Jan – May 2015

- Implemented back-end services of authentication, push notification, and analytics with parse library
- Developed a user-friendly interface with card style list view and android universal image library
- Developed a RESTful API with Node.js, Express.js and MongoDB to publish, edit, and delete news
- Implemented a news reader with XML and JSON parser, and starred the news with SQLite database
- Please visit <https://youtu.be/9byFGVawHy0> to watch this app's demo video

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RELEVANT EXPERIENCE

Project 4: Database Design & SQL Query with Microsoft SQL Server May – July 2015

- Designed a relational database from scratch to maintain data for alumni of the university in regards to memberships to university clubs.
- Developed SQL query scripts to create/delete/alter database tables, insert/update/delete table rows, and create/execute stored procedures
- Please visit <http://liubo2055.github.io/db> to see all design and SQL query documentations

Project 5: Holiday Feet Business App with Objective-C June – Sep 2014

- Developed an iOS app for Vancouver local-based business called Holiday Feet
- Implemented a horizontal UI Scroll View to easily navigate business information including rates, services, packages, promotions, and yelp reviews
- Developed functionalities such as writing a yelp review inside the app, GPS direction, one touch calling, and social sharing with Facebook/Twitter/Email/SMS
- Please visit <http://youtu.be/Y5BYkl-02ck> to watch this app's demo video

Project 6: Accelerometer Game with Cordova Jan – May 2015

- Developed a bumper ball game with Cordova device motion plugin and jQuery mobile UI

OTHER QUALIFICATIONS

- Permanent Resident since 2013
- ICBC Class 7 Driver License
- Please visit <http://liubo2055.github.io> to see my resume and IT projects

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BCIT COMPUTING COURSES

Spring/Summer 2014, BCIT

- COMP 3912, iOS Application Development Grade: 96

Fall 2014, BCIT

- COMP 1950, Web Development and Design 2 Grade: 91
- COMP 2051, Web Development and Design 3 Grade: 98
- COMP 2870, ASP.NET with C# Grade: 92

Winter 2015, BCIT

- COMP 2052, Android and Mobile Application Dev Tools Grade: 91
- COMP 2911, AngularJS Fundamentals Grade: 100
- COMP 2912, Node.js Fundamentals Grade: 91
- COMP 3613, Intro to Java Web Application Design Grade: 87
- COMP 3617, Android and Mobile Applications in Java Grade: 94

Spring/Summer 2015, BCIT

- COMP 1630, Relational Database Design & SQL Grade: 94
- COMP 2831, Business Analysis & System Design Grade: 96
- COMP 2920, Server-side Web Scripting with PHP Level 2 Grade: TBD
- COMP 3838, Data Warehouse Foundations for Business Intelligence Grade: TBD