Gerard Ng [gerardng.com]

Software Developer

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HIGHLIGHTS OF QUALIFICATIONS

- ❖ BCIT Computer Systems Technology Diploma. Graduated with distinction (84%)
- ❖ Strong background in object-oriented programming and design patterns
- ❖ Experience building and configuring websites for clients from the ground up
- ❖ Released multiple android and hybrid (AngularJS/ Ionic) applications on Google Play Store
- ❖ Proficient in Gitflow workflow, Agile, MVP
- ❖ **Front-End**: HTML5, CSS3, JavaScript, JQuery, Bootstrap, AngularJS, Mapbox
- ❖ **Back-End**: ASP.net (C#, MVC 5), CodeIgniter 3 (PHP), WordPress
- ❖ **Database**: MySQL, SQLite, Google Firebase
- ❖ **Mobile Programming**: Android SDK (Java), Cordova, Ionic
- ❖ **Big-Data**: Exposure to Cloudera, R-Studio, Hadoop

PROJECTS/EXPERIENCE

SAR Technology Inc Android Developer - *BCIT Practicum*

April 2016 - May 2016

- As part of BCIT's practicum, assigned on updating a GPS-tracker android app. Website: http://www.sartechnology.ca/

- Implemented persistent progress bar when app is tracking, live compass utilizing phone sensors, api calls to open street maps, message history through SQLite, expanded custom settings.

Movie Search App - *BCIT Project*

September 2016 - December 2016

- Query and parse 'The Movie Database' Api, allowing users to search for movies and tv shows, create accounts with the help of Google Firebase, favorite and share movies to friends and use voice and text commands to search for movies.

- Source code: https://github.com/gerardng/NGAMedia

Java Chat Application - *Runnable JAR*

Jan 2017 - Feb 2017
- Java application exploiting sockets and datagram packets that allows clients on the same local connection server to connect and chat with each other in a channel.

- Source: https://github.com/gerardng/NetworkChat

CodeIgniter Web Application - *BCIT Project*

September 2016 - December 2016
- Web app built using PHP and CodeIgniter. Web app functions as an online store that handles inventory through both a front-end database and REST calls to a backend-API. Deployed on Apache server with phpMyAdmin as the database,

- Developed middle-layer controllers to pass data between view and models, xml & text parsing, authentication, CRUD functions and custom routing.

- Front-end Source: https://github.com/gerardng/frontend-bakery

- Back-end Source: https://github.com/gerardng/backend-bakery

BGActors.org - *BCIT Practicum*

Jan 2016 - April 2016
- As part of BCIT's practicum, assigned to create a website using Wordpress to be used as a social hub for background actors. Features implemented include forums, user roles, database, activity wall, private messaging, Mailchimp integration.

Eleanorsytan.com - *Freelance Web Developer*

July 2016 - September 2016
- Created a real estate website for a client using HTML/CSS/JS/Bootstrap integrating MLS-API to show the client's current and sold properties. Website features a modern design, animations, contact form and property listings.

Entote Mortgage Calculator - *Freelance Hybrid App Developer*

May 2016 - June 2016
- Available on the Google Play Store. Mortgage calculator created for a client using Ionic/Angular frameworks that calculates mortgage based on user provided parameters.

- Source code: https://github.com/gerardng/mortgageCalculator

EDUCATION

British Columbia Institute of Technology

Computer Systems Technology

Diploma

March 2015 - December 2016