

# Michael Peng

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## **OBJECTIVE**

A position as a Computer Programmer

## **SKILLS**

<b>Programming Skills</b>	Extensive development in PHP, Javascript, MySQL Familiar with Shell/Bash, Python, Java, C#,
<b>Frameworks</b>	Javascript: React, Recompose, Bootstrap, JQuery, Ajax, Datatables PHP: Zend, Symfony, PDO, PHPUnit
<b>CI/CD Tools</b>	Used Bamboo/Bitbucket pipeline for managing tickets and continuous integration.
<b>Containers/VM</b>	Used Docker and Vagrant in projects
<b>Automation Tools</b>	Developed automation tests using Behat
<b>Create websites</b>	Created websites with forms and tables using HTML, XML, CSS and LESS
<b>Database</b>	Knowledge of relational database and SQL commands.
<b>Android</b>	Developed apps that use Google maps, fragments, intents and sensors. Currently have 3 published apps on the Play Store
<b>Operating System</b>	Install, configure and trouble-shoot MS Windows. Used Mac OS and Linux.
<b>Version Control Tools</b>	Used Mercurial and Git for version control in many projects
<b>Network Configuration</b>	Set up new connection and configured computers to run on network
<b>Computer Assembling</b>	Built computer from individual parts

## **WORK EXPERIENCE**

### **Grouphealth Benefit Solutions** Surrey, B.C.

July 2019 – Current

*Associate Software Engineer*

Work with project managers and developers in sprints to complete projects. Responsible for modifying code and creating new functionalities based on client requirements.

Maintain DEV/QA/STG environments including scheduling cronjobs, setting up slave databases and resolving developer problems.

### **NucleusLabs Information Technologies** Surrey, B.C.

May 2017 – June 2019 (2 years, 2 months)

*Software Developer*

Provide code maintenance within existing eHealth Electronic Client Records web-based platform.

Refactoring code when necessary, which includes escaping queries, and putting code into their own classes. Write unit tests for global/helper functions. Rewrite applications from xml/twig to React JS. Perform code review on peers.

### **Thompson Rivers University** Kamloops, B.C.

September 2016 - April 2017 (8 months)

*IT Service Desk Analyst*

Acted as a single point of contact for TRU clients and IT Services. Responded to inquiries, concerns and issues to track and resolve problems. Responsible for escalating incidents to appropriate tech group so that appropriate troubleshooting and resolution can happen quickly.

### **Thompson Rivers University** Kamloops, B.C.

September 2016 – December 2016 (4 months)

*Teaching Assistant*

Assisted Professor with marking assignments and midterms for his course: COMP 2210, Visual Program and Design (C# and Python). Helped students during instructional labs.

## **EDUCATION**

**Thompson Rivers University** Kamloops, B.C.

*Bachelor of Computing Science 2013-2016*

- GPA 3.46
- Dean's List (Three times)
- Major/Concentration: Software Engineering

## **PROJECTS** (for more information, refer to: <http://pengmichael.com/#/projects/>)

Internet of Things: Automatic Fridge Logger

- **Skills Used:** JavaScript, JQuery, PHP, Datatables  
This project was built to enable automatic logging of temperatures for refrigeration units and to display that information in a web server. The user should be able to easily access any day that has records in it. When the user clicks on a day they should see the temperature logs.

TRU Scavenger Hunt: Android GPS location based Game (No longer on the playstore)

- **Skills Used:** Java, Android, Google Maps  
This app is very similar to Pokémon GO, in that it uses the user location to gather points that is shown on the map. Users will have to collect all three points that is randomly generated within a 50-meter radius to win.

MVC website for user to sign in and post memos

- **Skills Used:** JavaScript, MySQL, PHP, PHPMyAdmin, HTML  
A website where users can create their own profiles and sign in. Once logged in, users can create, search, and view their most recent text files.

Personal website

- **Skills Used:** React, SPA, AWS  
Simple website built using react framework. Hosted using AWS Amplify with continuous deployment through GitHub.

## **OTHER**

ACM Programming competition 2016 participant

## **REFERENCES**

Furnished upon request