PATRICK LIN

Vancouver, Canada ◇ www.patricklin.ca

(778) 895 - 6138 ◇ patrick@patricklin.ca

WORK EXPERIENCE

SAP, *Software Developer Intern*   January 2018 - Present

· Coded feature requests and fixed bugs for SAP's new Help Portal. Technologies used include Java, AngularJS, SQL.
· Fulfilled enhancement requests for customer-facing PDF and HTML-based documentation by customizing SAP's DITA Open Toolkit. Programming technologies used include XSLT, HTML, CSS, Java, jQuery, and Ant.

UBC Faculty of Land and Food Systems, *Software Developer Intern*   July 2017 - January 2018

· Collaborated on a client-side application in React that utilizes the Flickr and Google API to display a photo repository to support learning at UBC. Project can be found at https://github.com/UBC-LFS/lfs-tlef-flickr
· Lead the development on a UBC's Dietetic major form application that requires log in authentication and stores form data in a SQL database. Project can be found at https://github.com/UBC-LFS/lfs-dietetics-app-server
· Created a mass mailing web application that parses a CSV and sends a user defined template that maps rows with the head identifiers. Project can be found at https://github.com/UBC-LFS/lfs-mass-mailer

PROJECTS

insightfulUBC   January 2016 - April 2016

· insightfulUBC is a full stack web application that parses UBC metadata and allows users to query information on the university. Collaborated with a partner and utilized Agile methodologies and RESTful design.
· Implemented an API back-end query engine to accept EBNF queries and parsed HTML data with parse5 to construct JSON datasets and used jQuery/Bootstrap to build a dynamic and user-friendly UI
· Deployed with Heroku: https://insightfulubc.herokuapp.com/

Funtime Bistro   July 2015 - October 2015

· Funtime Bistro is a web-page management system for a relational database that allows users to login, order, and pay for restaurant items
· Collaborated with a team of four to design and implement an entity-relationship model on a database
· Built PHP functions to take HTML form inputs and composed SQL queries to query related data

Mind the Gap   March 2016

· Mind The Gap is an Android transit application that maps the location of London's transit stops and retrieves real time arrival information
· Given an UML class diagram, implemented and tested model classes
· Parsed data from Transport London API and plotted tube lines and stations on a map using OSMDroid and the OSMBonusPack libraries

EDUCATION

University of British Columbia, *B.A. in Computer Science & Psychology*   Graduation May 2019

LANGUAGES AND TECHNOLOGIES

Languages	JavaScript, TypeScript, Java, Python, PHP, SQL, C++
Frameworks/Tools	React, MySQL, Git, Unix

EXTRA-CIRRUCULAR

SAP iXP, Hackathon Chair   February 2018 - Present
nwHacks, Co-Director & Treasurer   April 2016 - Present