

Peter (Linchengrui) Yan

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6188 Wilson Avenue, Burnaby, BC V5H 2R8

Education

University of British Columbia

Bachelor of Science, majoring in Computer Science

Vancouver, British Columbia

Sept. 2013 – Apr. 2018

Relevant coursework includes: Introduction to Software Engineering, Advanced Relational Databases, Advanced Operating Systems, Internet Computing, Machine Learning and Data Mining, Computer Vision, etc.

Projects

Collaborative Comic Book Web Application (for Software Engineering course)

Jan – Mar 2016

<http://marvelcomiccollab.herokuapp.com/comics>

- Designed and implemented a web platform for the creation and visualization of comic strips within a team of 4
- Written in Typescript for client and server side development
- Used Express (a Node.js web application framework) for server side development

Simple Mail Servers (for Internet Computing course)

Oct – Nov 2017

- Constructed an SMTP server for sending and a POP3 server for receiving internal emails
- The servers were able to carry out functions such as client identification, message listing and message content retrieval
- Written in C, used the Unix Socket API, and tested on Mozilla Thunderbird

Simulated Hospital Website (for Relational Databases course)

May – June 2016

- In team of 3, implemented and designed a simulated hospital website with functionalities to check the appointments and to show the information about treatments, hospitals, doctors, and patients
- Using SQL, created and implemented website database

Meetup Android Application (for Software Construction course)

Jan – Mar 2015

- Implemented and extended an application that enabled students to find meetup restaurants when they have common breaks and to check the routes between different courses on the map
 - Implemented the parsing of schedules stored in XML format and restaurants stored in JSON format
 - Written in Java and used live data from Foursquare for restaurants and MapQuest for routing information
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Languages & Skills

Languages: *Java, C/C++, SQL, Python, Typescript, MATLAB, Julia, Racket*

Tools: *Eclipse, IntelliJ, git*

Spoken and written languages: *English, Chinese, Cantonese (spoken)*