

# Peter (Linchengrui) Yan

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## 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.

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## 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 with a partner
- 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)