Peter (Linchengrui) Yan

yanlinchengrui@hotmail.com +1 (778) 929-7616 yanlinchengrui.github.io
183 W 40th Ave, Vancouver, BC V5Y 2R3

Education

University of British Columbia *Vancouver, British Columbia*
Bachelor of Science, majoring in Computer Science *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

Players & Stats React Native Application *June – July 2018*

https://github.com/yanlinchengrui/show-players-and-stats

- Designed and created a React Native application that shows all NBA players in a given year, their career statistics and images if available
- Implemented the fetching and parsing of player information storing in JSON format
- Self-learned React Native and accomplished the project within 3 weeks
- Built with React Native (React and JavaScript)

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

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

Languages & Skills

Languages: *Java, C/C++, HTML, JavaScript, TypeScript, SQL, Python, MATLAB*
Tools: *Eclipse, IntelliJ, git*

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