

# NANCY JIANG

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## EDUCATION

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### University of British Columbia

Bachelor of Applied Science in Computer Engineering

Cumulative Average: 90%

Expected Graduation: May 2020

## SKILLS

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Programming Languages: Java, C++, C, HTML/CSS, JavaScript,  $\text{\LaTeX}$ , Assembly(x86, ARM)  
Software: IntelliJ, Eclipse, Android Studio, Atom, Vim, MS Office  
Operating Systems: Linux, MacOS, Windows 7/8/10  
Other: JUnit, JSON, ANTLR

## EXPERIENCE

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### Developer

May 2017 - Present

*Code the Change UBC*

- Used React Native for the UI design of a mobile app to help YES! Vancouver with outreach
- Learning Node.js to help with the back end development of an app to help users travel in groups at night

### Teaching Assistant

September 2017 - December 2017

*Introductory CS for Engineering Students (C Language)*

- Assisted during lectures, by monitoring and guiding student progress on activity sheets
- Led a weekly lab section of 30 students

## PROJECTS

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### Hykr Java, Android Studio

Jan 2018

A social media hiking app made at nwHacks 2018.

- Built the front-end and UI of the app, aiming to provide a similar experience to Google apps using Material Design
- Integrated JSON data obtained from a public API to provide hiking route data

### Yelp Database Java8, JSON, ANTLR

December 2017

A database implementation course project.

- An implementation of a database using Yelp datasets (JSON files) of restaurants, users, and reviews
- Uses a multi-threaded server to support structured queries, which were parsed using ANTLR

### Social Network Design HTML/CSS/JS

June 2017

- A design of a sample social network's sign-up, log-in, and home pages

## EXTRACURRICULAR

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### Tutoring Representative

September 2017 - Present

*UBC Engineering Undergraduate Society*

- Prepare math and physics questions for tutoring sessions using  $\text{\LaTeX}$  and help students during them

### First Year Academic Representative

September 2016 - May 2017

*UBC Engineering Undergraduate Society*

- Received feedback from peers in First Year Engineering and voiced their thoughts on potential curriculum improvements to our faculty

## AWARDS

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### Trek Excellence Scholarship

Awarded to students in the top 5% of their undergraduate year, faculty, and school

2017

### Thomas Beeching Scholarship

Awarded on the recommendation of the Faculty of Applied Science

2017