

Rui Kang (Peter) Na Computer Engineering Student

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TECHNICAL SKILLS

Software Tools

- Git/Linux
- React.js
- Node.js/Express.js
- MongoDB
- Firebase
- Bootstrap
- Espresso
- Junit
- Pytorch
- Tkinter
- Circuit python
- Microsoft Office

Software IDEs

- Visual Studio Code
- Visual Studio
- Android Studio
- Xcode
- IntelliJ
- Eclipse
- PyCharm
- NetBeans

Technical Languages

- Java
- C++/C/C#
- JavaScript
- HTML/CSS
- XML
- Python
- Swift
- Verilog
- ARM
- MATLAB

EDUCATION

University of British Columbia

Bachelor of Applied Science – Computer Engineering

Co-op: Available for 12 months beginning September 2022

Expected Graduation: April, 2025

TECHNICAL PROJECTS

Findine, personal project

August 2022 - Present

Full-stack Mobile Developer – Swift, Java, Python

- Mobile app that helps users to find a nearby restaurant or café to dine in through browsing, searching, or randomly generating
- Designed and implemented user friendly UI for both Android and IOS
- Utilized Google Maps and Places API and designed sorting and filtering algorithms in the backend

Help!, UBC course project

May 2022 – August 2022

Full-stack Android Developer – Java, JavaScript

- Android app that allows registered users to rate, review, and view information about UBC facilities and participate in the Q&A forum
- Designed, developed, and tested the frontend using Java and backend using NodeJS and MongoDB database
- Applied software engineering principals and software design/architecture processes, enhanced skills in object-oriented design and implementation

Robotic Car Drawer with Web App, UBC course project

March 2022 – April 2022

Full-stack Web Developer - HTML, CSS, JavaScript

- Controllable mini car that is capable of drawing different shapes and writing alphabetical letters
- Individually designed and developed a mobile-friendly, and user-friendly UI using HTML, CSS, and JavaScript
- Collaboratively developed the web app's backend servers using Node.js and web sockets which communicates the website, server, and the Raspberry Pi on the robot

TECHNICAL WORK EXPERIENCES

Pelesys Learning Systems Inc, Richmond BC

September, 2022 – Present

Full-stack Developer Co-op

- Used Agile engineering practices and various software and web technologies to rapidly develop solutions that enhance client and employee experiences
- Developed frontend and backend features and wrote necessary tests to ensure the quality of features.
- Collaborate with team members to craft clear user stories, design tests for prototypes and products, and continuously deliver product enhancements

OTHER WORK EXPERIENCE

McDonald's, Richmond, BC

October 2017 – March, 2020

Crew Member

- Demonstrated fast-learning ability and worked in different roles to speed up food serving process (Cashier, barista, food preparation, and food service)
- In a fast-paced environment, maintained consistent and high-quality work to maximize customer satisfaction
- Communicated clearly with customers and crew team, made food serving process smoother and minimized errors

VOLUNTEER EXPERIENCE

UBC Department of Electrical and Computer Engineering, UBC

September, 2021 – May, 2022

Webmaster

- Collaborated with VP Communications and other Webmasters to design, update, and maintain the UBC Electrical and Computer Engineering website

Shoppers Drug Mart (Pharmacy), Richmond, BC

June 2019 – June, 2020

Pharmacy Assistant

- Collaborated and communicated with pharmacists and other assistants to efficiently provide medicine to patients
- Improved leadership skills by guiding new volunteers to get familiar with various tools and task procedures
- Demonstrated ability to work unsupervised on tasks such as drug disposal and filing patient information

PROFESSIONAL AFFILIATIONS

Engineers and Geoscientists British Columbia

2020 – Present

INTERESTS & ACTIVITIES

- **Basketball (UBC Nitobe Basketball League participant)**