



Li Ye (Eric) Fan

Year 2, Combined Major in Computer Science and Biology
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EDUCATION

Bachelor of Science - University of British Columbia, Vancouver Expected Graduation, May 2026

- Specialization: Combined Major in Computer Science and Biology, 2nd year
- Notable Coursework: **Software Construction** analyzing robust software design, debugging, and testing techniques. **Algorithms and Data Structure** emphasizing efficiency in key data structures and its application in software development. **Computer Systems** covering software architecture, operating systems, hardware-software interaction, and network principles, **Biostatistics** processing data using advanced statistical tests, estimation, regression analysis, and computational data analysis.

TECHNICAL SKILLS

Programming: Java, C/C++, R, Python

Tools/Environment: IntelliJ, Visual Studio Code, GitHub

Testing: JUnit

TECHNICAL PROJECTS

Restaurant Tracker/Recommendation Project September 2023 – January 2024

- Designed and developed an application for food enthusiasts to rate and store previously visited restaurants for future recommendations by utilizing Java object-oriented programming skills
- Integrated JSON for data persistence to ensure that user data can be reliably stored and retrieved
- Employed key design patterns such as the Singleton in the development of an event logging system, enhancing the program's future troubleshooting and debugging capabilities
- Transitioned the application from an initial console-based interface to an enhanced, user-centric graphical interface, significantly improving user-interactions and intuitiveness

Technologies: Java, JUnit

Airbnb Analysis Project January 2022 - April 2022

- Developed a program that systematically reads and filters through a large Excel (CSV) file containing data on Airbnb properties worldwide
- This data is used to generate a graphical representation, indicating whether there is a positive or negative correlation between the average review rating of all Airbnb properties and their accommodation capacity

Technologies: Python

WORK EXPERIENCE

Administrative Assistant – SOUND idEARS Audiology Clinic March 2022 - Present

- Manage connections with 8 different global manufacturers to coordinate the timely delivery of hearing aids and oversee the clinic wide shipping system to ensure clear and organized tracking of 1500+ shipments
- Trained new employees on company policies, procedures and hearing aid preparation techniques
- Efficiently resolve production-related issues by providing prompt updates and ensuring effective coordination with our audiologist

- Maintain the clinic website, via WordPress, with continuous updates and improvements for a better user experience
- Accommodate patients' needs, such as Bluetooth pairing requests, troubleshooting or appointment related demands by quickly problem-solving and compromise to provide a suitable solution
- Consistently provided exceptional patient care and customer service, leading to positive patient feedback and referrals

Supervisor – Xing Fu Tang

May 2019 – October 2019

- Trained and supervised new baristas and kitchen staff while ensuring they maintain high service standards
- Collaborated with team members to complete a high volume of orders in high-pressure environments
- Independently opened and closed the store, following strict health and safety procedures effectively
- Responsible for kitchen management including the process of cooking tapioca pearls while contributing to the creation of drinks and desserts

COMMUNITY CONTRIBUTIONS

Vice President of Finance – UBC Biological Sciences Society

September 2022 - Present

- Lead planning and development of career-building workshop and academically informative sessions to provide guidance, reassurance, and support to fellow peers
- Developed and implemented a secure Qualtrics form that significantly streamlined and accelerated the reimbursement process
- Collaborate with other science societies and clubs to develop and run numerous unique and inclusive successful social events for students
- Involvement with the current development of a BIOSOC scholarship to provide financial aid for students
- Foster partnerships with food catering services for future event needs

Database & Outreach Executive – New Chapters Foundation

June 2022 – May 2023

- Collaborated with a partner through extensive research to construct an elaborate database consisting of 50+ mental health resources in Vancouver for homeless individuals
- Established and maintained contact with supportive organizations and small businesses regarding potential promotions and sponsorships
- Initiated partnership with a local shelter, organized meetings with management and worked closely to fine tune details of our inaugural event

Mentor – University & Me Mentorship Association

September 2021 – August 2023

- Created personalized plans and advice to improve mentee's extracurricular profile
- Provided resources to high school students to better inform and guide them about their post-secondary options
- Strived to create an inclusive and non-judgemental environment, enabling mentees to reach out with their questions and concerns

EXTRACURRICULAR INTERESTS

- **Culinary Passion:** Striving to learn and experiment with differing ingredients and recipes
- **Sports:** Snowboarding, Ultimate Frisbee, Gym/Fitness
- **Nature:** Travelling – experiencing and embracing new cultures, Hiking