

# Frank Yan

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Frank is a certified AWS Solutions Architect (associate), which he hopes to use in addition to his background in data science. He is particularly interested in working on projects with an emphasis on SaaS and Cloud computing. He is open to opportunities in both the data analytics and data pipeline engineering.

## Skills

- R | Python | MySQL | Java | NoSQL | MATLAB | Git
- Certified AWS Solutions Architect | Cloud Computing | Unit Testing | Lambda | OOP | Tableau
- AWS Certified Solutions Architect Associate SAA-C03 | AWS Certified Cloud Practitioner CLF-C01
- Microservices | Data Analytics | AWS Glue Data Lake | Jupyter Notebook | Data Engineering | English, Mandarin – *All native proficiency*
- Bloomberg Market Concepts Certificate | Bloomberg Environmental Social Governance Certificate

## Education

**Bachelor's Degree in Mathematics minor in Geography** University of British Columbia Vancouver, BC, CAN

**Expected Graduation Date Dec 2023**

Courses Include: Multivariable Calculus, Introduction to Statistics, Introduction to Probability, Fundamentals of Computational Programming, Financial Accounting, Object Oriented Programming, Discrete Mathematics and Models of Computation, Micro/Macro Economics, Partial Differential Equations, Linear Systems and Programming, Linear Algebra, Stochastic Methods, Urban Geography, Environment and Sustainability, Earth Sciences

## Experience

<b>Data Analyst</b>	<b><u>Cambie Village Business Association</u></b>	Vancouver, BC, CAN	<b>07/2021 - Current</b>
<ul style="list-style-type: none"><li>• Implemented a data repository using AWS S3 storage solutions to improve organization and long-term data retention</li><li>• Analyzed commercial traffic and trends in the Cambie Village area using R and Python. In addition, retrieved long term census data from Statistics Canada using Web Data Services (WDS) APIs. Further presented this data analysis using Jupyter Notebook for future continuous integration and development.</li><li>• Demonstrated strong analytical and technical skills in the collection and analysis of data, as well as the use of appropriate tools and technologies.</li><li>• Provided a date-driven report on current neighborhood business trends and future projections to be presented at annual board meeting.</li></ul>			
<b>Customer Experience Associate</b>	<b><u>TD Canada Trust</u></b>	Vancouver, BC, CAN	<b>08/2021 - 01/2022</b>
<ul style="list-style-type: none"><li>• Processed a high volume of financial transactions, including deposits, withdrawals, and loan payments, with a high degree of accuracy and efficiency</li><li>• Assisted customers with account inquiries, account maintenance, and other banking needs, always providing exceptional customer service</li><li>• Balanced branch cash operations daily, reconciling any discrepancies as needed</li><li>• Participated in ongoing training to stay up to date on bank policies and procedures, as well as new products and services while collaborating with team members to ensure that all tasks were completed accurately and efficiently.</li></ul>			
<b>Project Developer</b>	<b><u>UBC Emerging Media Lab</u></b>	Vancouver, BC, CAN	<b>01/2020 - 05/2022</b>
<ul style="list-style-type: none"><li>• Assisted as a developer in a geomatics modeling project with a diverse team of 10 developers, including mathematicians, health science students, data scientists, and graphic designers</li><li>• Utilized R, Python, and React Native in the development of the geomatics modeling project, a visual representation of BC forestry models.</li><li>• Developed interactive data visualizations using R packages such as ggplot2 and Shiny to facilitate data exploration and storytelling</li><li>• Collaborated with cross-functional teams to identify areas for data-driven decision making and optimization and</li></ul>			

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developed reports to visualize and communicate data insights to stakeholders

- Stayed up-to-date with industry trends and best practices in data visualization, applying new techniques and technologies as appropriate.

## Volunteering Experience

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**Student Volunteer** ACM SIGGRAPH 2022 *Vancouver, BC, CAN* **08/2022**

- Volunteered as a student at SIGGRAPH, the world's largest conference on computer graphics and interactive techniques
- Assisted conference attendees with registration, directing them to sessions and events, and providing information on the conference and local area
- Demonstrated strong service skills and the ability to work effectively in a team environment (100+ volunteers)
- Gained valuable experience in event planning and coordination, as well as exposure to the latest technologies and techniques in the field of computer graphics and interactive techniques

**Tournament Organizer/Head** UBC Debate Society *Vancouver, BC, CAN* **01/2018 - 01/2020**

- Planned and organized multiple debate tournaments involving 200+ participants ranging from university level students or high school participants.
- Delegated and led organization committees that composed of 10+ volunteers and staff members and planned the event with a budget greater than \$5000

**Camp Instructor and Facilitator** UBC Recreations Summer Camps *Vancouver, BC, CAN* **07/2018 - 09/2018**

- Led a team of two assistant facilitators in delivering week-long debate and speech lessons to a class of twenty students between grade 5-10.
- Created over forty hours' worth of lesson plans, activities, speech and debate techniques, practice rounds, and student feedbacks.

**Advisory Committee Chair** City of Vancouver *Vancouver, BC, CAN* **10/2013 - 10/2017**

- Coordinated meetings with the committee clerk and effectively chaired committee sessions
- Worked collaboratively on various projects in development with city departments including civil engineering, urban planning, housing affordability task force, and the park and recreation board
- Demonstrated strong communication and organizational skills in coordinating and facilitating meetings and projects.

## Others

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- **Dragon boat:** formally a member of a competitive dragon boat team that participated in regattas around BC. Assisted in the organization and coordination of team practices and events
- **Debate:** more than 5+ years of experience as a competitive debater, instructor, and coach. Broke into finals and semi-finals at tournaments such as UAlberta Tournament, Pacific Cup, etc.