

Lucas Mah

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Work Experience

Security Specialist Co-op

Jan 2024 - Present

TELUS

Vancouver, BC

- Obtain updates from app managers for risk remediation to manage active organizational risks
- Design and implement Apps Script automation, saving 8 hours of work per month
- Identify & cleanse data sources and create dashboard for security training compliance using Google Workspace and Looker Studio

Research Analyst Co-op

Feb – Aug 2022

Canada Revenue Agency

Surrey, BC

- Proposed database structure to follow industry standards, reducing bugs and development time
- Successfully gathered requirements from relevant stakeholders to architect and deploy a new database using MS Access and VBA, leading to a 30% overall productivity increase by the BI and audit team
- Designed dashboards in SAS Viya to present performance summaries of our team for management

Project Experience

Past Your Peak – Video Game

Jul 2023

SFU Mountain Top Game Jam – <https://itch.io/jam/mountain-top-game-jam-2023>

- Operated in a cross-functional team to create a single-player Windows desktop game in 24 hours
- Designed and coded scripts in C# to control AI enemy movement and attacks
- Earned the Creativity Prize

SFU Market – Mobile App

Jun – Aug 2021

- Led a team as Scrum Master to create a complete prototype of an online bookstore Android App
- Setup a web server using the LAMP stack hosted on AWS LightSail to house PHP code and a MySQL database to store user accounts and posts

Volunteer Experience

Computer Science Peer Tutoring

Sep – Dec 2021

Simon Fraser University

- Provided tutoring services to 15 students in discrete math and computer science courses
- Educated tutees on basic data structures, algorithms, and syntax of C, C++, Python, and Java

Education

Simon Fraser University BSc Computer Science – 3.74 GPA

Sep 2020 – Present

- President's Honour Roll – Fall 2023
- Snowfort 2024: Defensive Cybersecurity Competition – Mar 2024
- SFU CyberSci Security Challenge Team – Nov 2023
- System Security & Privacy: network security, cryptography
- Enterprise Security: operations security, security models, access-control methodology

Skills

Languages: Python, C, C++, C#, Java, VBA, SQL, NoSQL, NodeJS, Apps Script, React

Tools: OneTrust, Looker Studio, Bash, Burp, Nmap, Postman, Microsoft Suite, Google Workspace, SAS Viya