

GUSTAVO KANG SHIM

4th year Computer Science Student

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<https://www.linkedin.com/in/gkangshim>
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SKILLS

Proficient Languages

Java
JavaScript
C
C++
C#
PHP
Kotlin

Web Development

HTML, CSS
AJAX
jQuery
ThreeJS
AngularJS
Node.js
Ruby

Networks & Cloud

Virtual Machines
Operating Systems
Cisco Packet Tracer
Kali Linux
AWS Analytics
AWS lambda
AWS IoT Core

Databases

SQL
MySQL
MongoDB
phpMyAdmin
DynamoDB

ML & AI

Python
NumPy
Pandas
SKLearn
RStudio
MS Excel

Soft Skills

- Multicultural, Strong, and precise communication and collaboration skills.
- Motivated self-starter eager to work in a fast-paced environment with cross-functional teams such as a team with Agile Methodology
- Fluent in Portuguese, and English. Proficient in Spanish.
- Excellent organization and communication skills
- Keen to learn new technologies

WORK EXPERIENCE

Thompson Rivers University World

May 2022 – Sep 2022

Enrollment Assistant Co-op

Kamloops, BC

- Maintained and undertook core managing strategies, service desk, and large data integration
- Enhanced data organization by making small scripts that further optimize data entry

University of British Columbia Okanagan

Jan 2022 – Apr 2022

Research Assistant

Online

- Achieved excellent results analyzing a COVID-19 Mental Health dataset using Bayesian model, K-Means, and hierarchical clustering
- Analyzing relevance and accuracy of data, considering if it is reasonable for the research given the analysis
- Use of RStudio and the programming language R for better results in the analysis of the database

Thompson Rivers University

Nov 2021 – Apr 2022

Undergraduate Teaching Assistant

Kamloops, BC

- Mentored over 50 1st and 2nd-year computer science students in Java, HTML, CSS, and JavaScript.

Loomis Express

May 2022 – Mar 2023

Warehouse Worker

Kamloops, BC

- Demonstrated exceptional attention to detail and accuracy in inventory management

EDUCATION

Thompson Rivers University

Bachelor of Computer Science

- Overall GPA of 3.35/4.3

Sep 2020 – Present

Kamloops, BC

Kanagawa University

Study Abroad

- Cultural experience filled with challenges because of the language barrier

Mar 2023 – Aug 2023

Yokohama, Japan

PROJECTS & EXPERIENCE

IoT Workplace Safety and Security Monitoring using Cloud Processing

Nov 2023

<https://github.com/ZionC27/IoT-Workplace-Safety-and-Security--Monitoring-with-Cloud-Processing>

<https://youtu.be/yFKsxKa7D7E>

Kamloops, BC

- Leveraged AWS services including IoT Core, Lambda, and Analytics for cloud processing and monitoring
- Collaborated with team members for the development of a secure user-end website

Dungeoneer

Nov 2023

<https://darthpackman.itch.io/dungeoneer>

Kamloops, BC

- Developed proficiency in Procedural Content Generation techniques for maps, enhancing adaptability and creativity
- Collaborated effectively within a team, ensuring the successful combination of diverse project elements using team working skills

Procedural Melody Generator

Oct 2023

https://github.com/shimuraii/pcg_music_python

Kamloops, BC

- Solved complex musical and algorithmic challenges to create an efficient and versatile melody generation system
- Developed algorithms for real-time melody generation, demonstrating proficiency in programming

VOLUNTEERING & SCHOOL INVOLVEMENT

- Vice-President of the TRUSU Anime Club (2022-23)
- Web Admin for TRUSU Computer Science Club (2021-24), and the TRUSU Gaming Club (2021-22)
- Student Representative for Student Caucus in Academic Computing Technology Advisory Committee (21-22)
- Participated in Hackathons: “Kamloops Hackathon” (2022), “UBC Local Hack Day” (2019)

AWARDS

- Recognized on Dean List (Fall 2021, Winter 2022, Fall 2022, Fall 2023)
- TRU World Diversity Scholarship, Fall 2021

INTERESTS

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|--------------------------|--------------|
| ● Web, Game Development | ● Volleyball |
| ● Ethical Hacking | ● Three.js |
| ● Learning new abilities | ● Languages |