

Samuel Krisetia

3rd Year Integrated Engineering Student

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EDUCATION

University of British Columbia,

Bachelor of Applied Science — *Vancouver, BC* | Sept 2019 - Present

St. Roberts Catholic High School,

International Baccalaureate Diploma — *Toronto, ON* | Sept 2015 - July 2019

WORK/VOLUNTEER EXPERIENCE

Line Cook, Tokyo Kokoro Mazesoba —

Vancouver, BC | Aug 2021 - present

- Completed spontaneous tasks in an organized and calm manner
- Established a process to more efficiently prepare meals with co-workers

Carpenter Assistant, QS Flooring & Stair —

Toronto, ON | Dec 2017 - July 2019

- Assembled various flooring materials along with underlayment
- Ensured the floors were prepared by levelling with concrete
- Assisted in transportation of heavy materials and equipment
- Often worked long hours to finish jobs quickly and on time

Visual Crew Member, Indonesian Christian Church Canada —

Toronto, ON | Dec 2015 - July 2019

- Managed multiple displays during live services
- Resolved technological malfunctions in a quick and efficient manner to minimize downtime and delay
- Learned to work collaboratively with other members of the Audio/Visual team to ensure a smooth service

ReStore Volunteer, Habitat for Humanity —

Toronto, ON | June 2018 - July 2018

- Engaged with customers to help find and carry their purchase
- Worked among other members to load/unload large furniture to/from delivery trucks

PROJECTS (Visit https://lotaniikfirok.github.io/#_home for more)

Synthesizer Glove — Group of 6

- ESP32 controlled glove using flex sensors and Accelerometer/Gyroscope to control a custom-designed sound system using HTML and Tone.js library.

Line Following Robot — Individual

- Robot tuned to detect and follow a black line using IR sensors. Programmed on Arduino UNO and H-Bridge for speed control.

Pianobot Mechanical Co-Lead — [Open Robotics UBC Design Team]

- Robotic fingers and hands on a conveyor belt to play sheet music given to the microcontroller. Currently in the prototyping and development phase.

SKILLS

Solidworks

Microsoft Office

Hand/Power Tools

PROGRAMMING

Python

C++

Javascript

HTML

MATLAB

CERTIFICATIONS

Full G Driver's License

Basic First Aid with
CPR A & AED

CIFS Food Handler
Certification

LANGUAGES

English

French

INTERESTS/HOBBIES

Travelling/ Trying new
experiences

Kendo, Hiking

Piano, Guitar

Cooking

