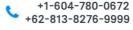
LEMUEL PRANOTO



@ lemuelmpranoto@gmail.com

https://lemuelmpranoto.github.io



Computer Engineering Student

Allow me to introduce myself. My name is Lemuel and I'm a proud Indonesian grateful to be able to experience a diverse culture. I am inspired and aspired to utilize my youngadult energy to land my first co-op/internship term and contribute with the best of my ability. I can't wait to get started.

PROJECTS & EXPERIENCES

Server-Based Home Security System

1 03/2019 - 04/2019

- Integrated software with hardware through front and back-end servers.
- Employed multithreading and locks to ensure that the system is responsive and that features are running synchronously.
- Developed a fully dynamic website that receives and sends data between the server and the Pi through GET and POST requests.

DE-Booth

m 01/2020 - 03/2020

- An FPGA-based "photo booth" station with IoT capabilities.
- Developed a hardware-accelerated algorithm to enhance graphics processing that writes pixel values to pixel buffer.
- · Features include custom filtering, Twitter API usage, graphics acceleration, and custom data-transfer protocol.

Document Text Sentiment Analysis

- Developed an algorithm that parses document text and requests Microsoft Azure's service to calculate the document sentiment score.
- Incorporated Jensen-Shannon Divergence method to calculate document similarity.

Web Designer & Developer

PT. SuryaTITIA Makmur

- ♀ Jakarta, Indonesia
- Designed and developed a fully responsive company website.
- Functionality enhanced with JavaScript.

LEADERSHIP & VOLUNTEERING

Student Council Vice-President

Sekolah Pelita Harapan

1 08/2015 - 06/2016

- · Represented the student body at school administration meetings and district events.
- · Planned and organized school events and competitions.
- Worked with students in creating a better learning environment.

ACHIEVEMENTS & AWARDS



2x Outstanding Student Scholarship at Columbia College





4x Honorable Mention at Columbia College (GPA > 3.7)



Multiple School District Championships in Both Football and Basketball Competitions

EDUCATION

B. A.Sc | Computer Engineering

University of British Columbia

SKILLS

Programming Languages



Assembly / Hardware **Description Languages**



Notable Technologies / Tools

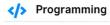


LANGUAGES

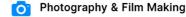
English

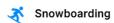
Bahasa Indonesia

PASSIONS









LIFE PRINCIPLES

Integrity, Perseverance, Gratitude