

Karanbir Gosal

karangosal.com
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SKILLS

PROFICIENT

C++
Javascript
MySQL
CSS

FAMILIAR

Java
React
Git
Node
Shell
PHP
Assembly
LaTeX

LINKS

Github:// [kgosal03](#)
LinkedIn:// [karangosal](#)

CAREER STATEMENT

"I feel that my greatest strengths are first my strong **commitment** to providing a **professional service** to all colleagues with whom I work. Secondly my skill at developing and maintaining a close working relationship with every company client, something which in turn helps me to gain an in-depth understanding of their individual needs. Thirdly my real passion for **Software Development** as a whole, an obsession which allows me to spot trends and develop best practice processes."

Karan Gosal

EDUCATION AND COURSEWORK

UNIVERSITY OF VICTORIA | BACHELOR OF SOFTWARE ENGINEERING

Sept 2021 – Present | Victoria, BC

- Programming Fundamentals
- Linear Algebra
- Calculus I, II, III
- Continuous Time Signal
- Computer Architecture

LANGARA COLLEGE | COMPUTER SCIENCE AND TECHNOLOGY

Jan 2017 – Apr 2019 | Vancouver, BC | GPA: 3.7/4.0

- Object-Oriented Programming
- Algorithms and Data Structures
- Unix Tools and Scripting
- Database Systems
- Web Development II
- Networking
- Multimedia Animation

PROJECTS

SMART LIGHTING AUTOMATION SYSTEM

- Used **Arduino**, **real-time clock (RTC)** and **Relay** to automate outdoor lighting to turn on/off at specific times depending upon day of the week and month of year.
- Learned to do all the **soldering** and circuit work.

PERSONAL PORTFOLIO WEBSITE

- Designed portfolio website using **HTML**, **CSS** and **JavaScript**.
- Responsive design and easy to navigate.

CLUBS AND VOLUNTEER

ORIENTATION LEADER

- Lead a group of students on a campus tour and created a welcoming environment for them.
- Facilitate ice-breaker activities to create social connections between students

UVIC AI CLUB

- working with club members to train the model using **Q-learning**.
- designed a brochure for the club to encourage more students towards AI.