


Ethan Sengsavang

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Education

BSc in Computer Science
and Software Engineering

University of Calgary

September 2019 – April 2025

High School Diploma

Western Canada High School

September 2016 – June 2019

Proficiencies

Web Design

C, C++

Python

JavaScript

Microsoft Office Suite

Qualities

Quick Learner

Cooperative

Problem Solver

Achievements

Top 3 Teams – CyberSci 2021

Lifetime Honours Society

Outstanding Rhythm Student

Interests

Computer Software

Computer Hardware

Music

Experience

Information Security Club Director

October 2020 – Present : *University of Calgary*

- Developed challenges used within a nation-wide information security competition
- Created and upheld packaged systems to host a variety of web and terminal servers with Docker
- Constructed and maintained monitoring infrastructure using Docker-Compose and Terraform
- Followed the agile development methodology to complete tasks quickly

Information Security Club

January 2020 – Present : *University of Calgary*

- Attended workshops to learn about a wide variety of ethical hacking and penetration methods
- Assisted others through ethical hacking challenges and help them better their understanding of different techniques

Lead Software Developer

June 2021 – August 2021 : *BCharity Project in ECSSEN School*

- Organized development workflow for a team of front-end and back-end developers
- Deployed APIs and web applications made with NodeJS on platforms including Heroku and GitHub Pages.
- Wrote software design documents and requirement analysis documents

Full Stack Software Developer

March 2020 – November 2020 : *Popular Start-Up Company*

- Designed and spearheaded website and web-based applications development with a keen focus on user experience
- Built APIs with Amazon Web Service and JavaScript to construct online, web-based applications
- Synchronized work with other team members to complete tasks in a cooperative and individual environment
- Managed software versions professionally using git and GitHub

Competitive Programming

March 27, 2021 : *Hack Your Learning Hackathon*

- Developed software to meet desired specifications
- Spearheaded and managed the use of version control software across the team