

Ronan Sandoval

Undergraduate Computing Science Student at the University of Alberta

A diligent and ambitious student with strong programming and software development skills, as well as a special interest in game development.

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🐙 github.com/Applesleth

EDUCATION

BSc Computing Science University of Alberta

09/2019 - 04/2023

GPA: 3.9

Courses

- Intro to Software Engineering
- Intro to Numerical Methods
- File and Database Management
- Intro to Computer Graphics

PERSONAL PROJECTS

StarCraft2 Bot (10/2021 - 12/2021)

- Designed and developed a bot that competes in StarCraft 2 matches in a team of 4. Utilized SC2API and C++.

Outback Outrun (11/2021) [🔗](#)

- Programmed and created art for a video game in 48 hours using Godot and GDScript as a one person team.

Soulwork (11/2019) [🔗](#)

- Worked in a team of 5 to design and develop a video game within 48 hours using Unity and C#.

WORK EXPERIENCE

Undergraduate Teaching Assistant University of Alberta

01/2021 - 04/2021

Tasks

- Answered student questions about algorithms to improve their understanding of the course content.
- Marked over 200 students' quizzes and exams, and gave constructive feedback.

Undergraduate Research Assistant University of Alberta

01/2020 - 04/2020

Tasks

- Developed a webscraper program to help generate a corpus of Plains Cree phrases.
- Communicated and worked with graduate students and professors.

Student Intern University of Alberta

07/2019 - 08/2019

Tasks

- Aided the NLP Research Group by developing wrapper programs for accessing BabelNet and other APIs.

SKILLS

C#

C++

Python

Java

SQL

MongoDB

OOP

Git

Unity

Godot

Linux

Teamwork

Written and Oral Communication

Time Management

Game Design

ACHIEVEMENTS

Dean's Honour Roll (07/2019 - Present)

Achieved a GPA of 3.5 or higher.

University of Alberta Gold Standard Scholarship (10/2018)

Faculty of Science Undergraduate Scholarship (07/2020)

ORGANIZATIONS

Global Game Jam (01/2020 - 02/2020)

Volunteer

The Games Den (09/2019 - Present)

Active Club Member, VP Publicity

CERTIFICATES

Certificate in Computer Game Development (09/2019 - Present)

Currently pursuing

Certificate in Translation Studies in Japanese (09/2019 - Present)

Currently pursuing

LANGUAGES

English

Native or Bilingual Proficiency

Japanese

Limited Working Proficiency

Tagalog

Limited Working Proficiency

INTERESTS

Game Development

Game Jams

Digital Art

Translation

Comic Illustration

Violin