

Rodrigo Amesty

ramesty9@gmail.com | linkedin.com/in/rodrigoamesty | github.com/ramesty | (403) 991-1277

Education

University of Calgary **Cumulative GPA: 3.47**

September 2019 – May 2024

Bachelor of Science in Software Engineering, minor in Mechatronics Engineering, 3rd year

Calgary, AB

Concepts: Software design, database creation/ management, Sorting algorithms and data structures, operating systems, foundations of mechatronics, programming of microcontrollers, Statistics, machine learning and artificial intelligence

Skills

Languages – Java, C/C++, Python, Javascript, HTML/CSS, Assembly

Frameworks – React.js, Node.js, Express.js, passport, django, bootstrap

Developer Tools – Git, Linux, Teams, Zoom, AWS, Chrome Developer Console, Postman, Github

Other – Discord, Microsoft Office, UML, JIRA

Projects

Clinic Website

Tech: react, javascript, node, css, MySql

Collaborated with school mates to develop a website that streamlined communication between patient and doctors. This was done by allowing patients to access medical records, create appointments and more. Doctors could also edit information, create prescriptions and more.

Basketball Player Comparator

Tech: Node, Express, HTTPS, CSS and HTML.

Developed a website that would scrape a basketball statistics website and pull data for specific basketball players based on user input. It would parse through the data received, then displaying it in a user friendly format, comparing both of their input players.

Playlist Generator

Tech: Node, Express, MongoDB and passport for user authentication.

A website that stores a user's songs, then makes a playlist based on criteria that the user selects. They can select multiple genres, specific artists, and songs, giving the ability for a broad playlist. Users then have the ability to save these playlists as well as edit/delete them.

Piano website

Tech: jquery, HTML, CSS and Bootstrap

Developed a website that plays piano notes. Program would detect mouse and keyboard clicks, and then play piano notes corresponding to user input.

Experience

ACE Vegetation

June 2020 – August 2021

Pesticide Applicator

Kananaskis, AB

- Worked in Alberta's oil industry, have credentials in first aid, h2s safety and many more. Worked on plants and refineries in Alberta
- Had to document our work, developed an excel program that vastly improved order and capability of documentation
- Made python programs using pandas and matplotlib libraries to analyse and visualise data, like how much was sprayed weekly

Retail

June 2015 – August 2022

Superstore/Canadian Tire/Waiter

Calgary, AB and Valencia, Spain

- Developed strong interpersonal skills, how to communicate with the client, and more importantly how to sell
- Was constantly learning how to work efficiently with others, always ensuring we completed tasks thoroughly
- Spent time learning how to run an effective business, such as inventory, scheduling and personnel conflicts

Interests/Activities

- Guitar Enthusiast
- Absolute basketball and soccer fanatic (Love to play and watch)
- Love to travel, have spent the entire 2022 summer travelling through europe