

IRA HUDGIN

FULL STACK DEVELOPER

INTRODUCTION

I'm Ira, a student of Vanier College in the software development program. I aspire to grow as a developer by working and learning within a team to produce UI/UX and back-end data functionality I can be proud of.

CONTACT

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EDUCATION

Feb 2023 - Apr 2024

VANIER COLLEGE

Software Development

- Java, C#, Python, SQL, OOP, React, WordPress
- Business analysis, ERD, UML diagrams, Figma Mockup
- Data structures and algorithms
- Operating systems, Math Logic,

Jan 2017 to Sept 2022

UNIVERSITY OF BRITISH COLUMBIA

Natural Resources Conservation, Science and Management Major

- Statistical techniques
- Chemistry, calculus, biology
- Excel spreadsheet management, GIS, data management with R
- Ecological management with sociological considerations

PASSIONS

- MOUNTAIN BIKING
- GUITAR
- FITNESS
- SKIING
- CLIMBING
- CODING

PROJECTS

October 2023 - ...

COMMUNITRADE | CLASSIFIEDS DESKTOP APPLICATION

C# .NET RESTful WPF PostgreSQL

- Collaborated with group partner on Github to create a desktop based classifieds using Visual Studio.
- Constructed RESTful server to supply data to client
- Adhered to MVVM architecture

October 2023 - ...

A{D}DICTION | ENGLISH AUDIO COMPREHENSION TOOL

Node.js Express Javascript OpenAI AWS

- Integrated OpenAI API to generate text within our web based tool
- Paired AWS Polly API to create an effective text to speech functionality
- Designed Figma mock-ups for prototyping

December 2021 - April 2022

SOUNDSQUEEZR | AUDIO COMPRESSION TOOL

Node.js Javascript FFmpeg WASM Heroku

- Resolved personal issue with downloaded movie files
- Established a web app online with Heroku for people to use

EXPERIENCE

Nov 2022 to Feb 2023

GROUND CREW | AVJET / TSAS

- Adapting to working in a team in a new language
- Overcame language barriers and remained prudent in a demanding and dangerous work environment
- Ensuring smooth operations and integration within a heavily team reliant environment

Jan 2020 to Aug 2020

CONSERVATION PLANNING | GOVERNMENT OF CANADA

- Assisted in data processing and research for the development of biodiversity priority place zones in British Columbia
- Used GIS to evaluate and fix all wetland habitat borders on the government database
- Built a garry oak ecosystem planning model with ecosystem information using Miradi

May 2019 to August 2019

STUDENT FORESTER | LNTC FOREST SOCIETY

- Carried out field-work assignments such as assessing fir beetle infestations, brushing, road drainage assessments.
- Educated elementary school classes on forestry