

Alexi Ikonomou

778-251-0290 / alexiosiko@hotmail.com / www.alexios.ca / github.com/alexiosiko

Education

Langara College

Bachelor of Science in Computer Science

Vancouver, BC

Sept 2022 – Current

React - The Complete Guide 2023

Online Udemy Course

Sept 2022 – June 2023

Projects

Music to Sheet (AI Music Transcription) / Python, Flask, Next.js, AI-Model, Clerk User Auth

- Developed a full-stack web app with an integrated ai model to convert audio files to sheet music
- Utilized Howler.js audio library to create a tool that trains your ear for accurate note playing
- Integrated Stripe.js to connect payments to allow users to receive credits to spend to use this tool (currently inactive)

Musical Notes Training / React-Native, Expo, Expo-App

- Created a puzzle where you try to find the correct notes on the piano that match the given sequence
- Used expo-audio to play a randomized sequence of notes, and the user taps on the piano keys to find the correct

React Timeline / Node, Vite, Tailwind

- Published a node package that converts a json data object to a simple timeline UI

Castle Mystery Game / Unity, C#, NPC Behaviours, Inventory Management

- Created a 3D prototype where you can interact with the environment NPC's
- Used 3d vectors to calculate shoot rays that intersect with hitboxes and interact

2D Puzzle Game / Unity, C#, NPC Behaviours, Inventory Management

- Programmed algorithms to create game logic
- Created 2D pixel sprites with Aseprite

Experience

Recovery Supervisor / Merchandiser / Machine Operator Trainer

Home Depot

Nov 2019 – Present

Burnaby, BC

- Worked closely with coworkers and customers and learned to be patient, respectful, and helpful towards others
- Learned the process of teaching (Intro, Why, How, Demonstrate, Practice, Feedback, Follow-up, etc...)

Youth Leader

Camp Met BC

December 2022 – Present

Vancouver, BC

- Communicated with other leaders to organize and setup events to provide fun social experiences for youth

Technical Skills

Languages: Javascript, Python, C#, Typescript, HTML/CSS, R

Frameworks: React, Clerk, Unity Netcode, Flask, MongoDB, Stripe.js, Next.js, Shadcn, FastAPI, Framer-motion, Node