

Alexi Ikonomou

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Education

Langara College

Bachelor of Science in Computer Science

Sept 2022 – Current

React - The Complete Guide 2023

Learned React basics and advanced topics to build interactive web app

Sept 2022 – June 2023

Complete C# Unity Game Developer 2D

Gained skills in C# scripting and Unity for developing games

February 2021 - July 2022

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 that users can use to transcribe audio files to sheet music to perform on their instruments
- Integrated Stripe.js to connect subscriptions and handle webhooks to update users' metadata (currently inactive)

API-Based Video Clipper for Content Creators / Python, Google Drive API, OpenAI

- Automates the process of identifying and clipping trending content, streamlining the creation of Instagram Reels, TikTok, and YouTube Shorts.
- Saves content creators time by automatically generating ready-to-post, attention-grabbing video clips from long-form content.

Piano Game | React-Native, Expo

- This game trains your perfect and relative pitch skills where you try and match the correct piano keys to the given sequence
- Expect noticeable results in recognition between notes and scales within weeks of training

Card Game | Unity, C#, Unity Netcode, Sprites, DoTween

- Developed a turn-based multiplayer card game where players can interact with, see, and play the game using their dealt hand.
- Gained experience with client and server-side networking, ownership, and synchronizing the game across all clients.

Experience

Teacher Assistant

Hellenic Community of Vancouver

September 2024 – Present

Vancouver, BC

- Assisting youth in learning Greek, providing personalized support to enhance their language skills
- This role strengthens my communication skills and teaching practices by adapting to each individual's learning styles

Youth Leader

Camp Met BC

December 2022 – July 2024

Vancouver, BC

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

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 how to structure teaching by starting with an introduction explaining why it's important, showing how it works, giving examples, letting others practice, offering feedback, and always being open to questions.

Technical Skills

Languages: Javascript, Python, C#, C/C++, Typescript

Frameworks & Tools: React, Next.js, Astro, Flask, AWS, Google Cloud, FastAPI, Unity Netcode, Clerk, MongoDB, Stripe.js, Shadcn, Framer Motion, Node.js, Axios, Express.js