Daniel Chang

Full Stack Developer

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EXPERIENCE

Freelance 3D Web Developer | Hooman Studios

JUN 2021 - JUL 2021, VANCOUVER, BC

- Liaised between UX designers to work on a 3D e-commerce marketplace for an NFT designer shoe.

Corporate Disk Jockey | JZEntertainment

MAR 2014 - Present, VANCOUVER, BC

- Performed for over 300+ events as an Interactive DJ at corporate style events, such as weddings, bar mitzvahs, and company parties.

EDUCATION

BrainStation | Diploma Candidate, Web Development

OCT 2021 - JAN 2022, VANCOUVER, BC

Simon Fraser University | Bachelors in Cognitive Science

SEP 2014 - MAY 2020, BURNABY, BC

- President of the Cognitive Science Student Society (2018-2020).
- Published an undergraduate journal article with an ISSN, featuring Cognitive Science students from all across Canada cujcs.ca

PROJECTS

Capstone Project | PartyPlacer: A 3D AR E-Commerce Viewer

JAN 2022, BrainStation

- Visualizes a product in AR/3D while browsing a product details page with Shopify's Hydrogen React framework to build custom storefronts.
- Bridges the gap between a digital product and a physical product by previewing the product in the 3D space around them.

Team Lead and Developer | Scope: A Virtual Office

JAN 2022, Hackathon @ BrainStation

- Developed an innovative game-based collaborative workspace by enabling remote workers to feel more connected to their colleagues and breaking the isolation barriers of Covid.
- Creation of the game included using the game engine PixiJS and blending it with React to interface the game options.
- Collaborate with a team of UX designers to create a solution to BC Tech's problem space of improving remote/hybrid work in the midst of the pandemic.

Lead Coder | Covid-19 Journal Article Summarizer

FEB 2020 - APR 2020, CMPT 340: Biological Computing @ Simon Fraser University

- Established the core NLP framework implementation through NLTK, a python library to create a bag of words model algorithm and synthesize them into sentences.

SKILLS

React, JavaScript, CSS, HTML, ThreeJS, Node, Express, MySQL, Jest, NextJS, Shopify Hydrogen, Git

PROFILE

As a DJ transitioning to Software Development, DJ'ing has taught me to value being highly adaptable and easy to work with. Further, my degree in Cognitive Science is multidisciplinary, in which I focussed on Computer Science, Linguistics and Philosophy. Cognitive Science has given me the ability to synthesize information across disciplines and understand human-computer interactions more deeply.