
DANIEL CHANG

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TECHNICAL SKILLS

- **Languages:** JavaScript, HTML, CSS, Python, C++
- **Tools:** ReactJS, NextJS, ThreeJS, TailWindCSS, GraphQL, ExpressJS, MongoDB, Jest, WordPress

WORK EXPERIENCE

3D WEB DEVELOPER AT HOOMAN STUDIOS – JUNE 2021-CURRENT | [SOURCE](#)

- With a team of UX Designers, I was in charge of implementing a product page according to a Figma design to showcase a 3D shoe. The 3D implementation allows the user to freely explore the details of the shoe.

MOBILE DJ, BEYOND SOUND/[JZENTERTAINMENT.CA](#) – 2014-CURRENT

- Interactive DJ for corporate functions (weddings, mitzvahs, company parties).

PROJECTS

DJ CHATBOT | [LIVE DEMO](#) | REACT-THREE-FIBER, WATSON API

- A React website showcasing 3D models and an interactive chatbot. Manage all inquiries about your DJ party with the chatbot.

VOLVO CONFIGURATOR | [LIVE DEMO](#) | THREEJS

- Developed and deployed a car configurator featuring a Volvo. Improves the e-commerce experience by configuring your own custom car in 3D.

SPEECH GUESSING GAME | [SOURCE](#) | PYTHON, WAVE, PYAUDIO, NUMPY, TKINTER

- Using Fast Fourier Transform to encode sound patterns. The goal was to decode the frequencies and apply differing filters to be re-encoded to the guessing game.

COVID-19 JOURNAL ARTICLE SUMMARIZER | [SOURCE](#) | PYTHON, NLTK, RE, TKINTER

- An article summarizer optimized for keywords in Covid-19 journal articles. The goal was to develop the extraction model to synthesize texts into short summarized sentences.

EDUCATION

SIMON FRASER UNIVERSITY, BURNABY B.C. – COGNITIVE SCIENCE, 2014-2020

- Interdisciplinary degree with a focus in Computer Science, Linguistics, and Philosophy.
- President (2018-2020) of Cognitive Science Student Society
- Deployed the website with HTML and CSS in WordPress to publish a Canadian undergraduate journal from universities all over Canada and internationally cujcs.ca.