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# DANIEL CHANG

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## TECHNICAL SKILLS

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

## PROJECTS

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

- Developed and deployed a car configurator featuring a Volvo. Explore the quirks and configure your own custom car with the configurator.

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.

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.

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.

## 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
  - Deploy the website to publish a Canadian undergraduate journal from universities all over Canada and internationally [cuics.ca](https://cuics.ca).

## WORK EXPERIENCE

MOBILE DJ, BEYOND SOUND / [JZENTERTAINMENT.CA](https://jzentertainment.ca) – 2014-2020 JUNE

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