

Christie Tsang

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Aspiring Developer, Social Worker, Health Researcher

💡 Technical Skills

**actively learning*

Languages: Python, Java, C*, SQL

Web: HTML, CSS, Sass, Bootstrap, JavaScript, Node.js, React.js, JQuery

Tools: Git, Github, Firebase, MySQL*, NoSQL*, Netlify, Excel, MS Access, Figma, Trello, OpenAI

📁 Recent Projects

Personal Portfolio [🔗] *Personal Project, 2 weeks*

- Self-taught react.js to create a personal portfolio to showcase personal projects
- **Tools:** Javascript, HTML, Sass, Node.js, JQuery, React.js, Netlify, Git, Github

Outliner - nwHACKS 2022 [🔗] *Hackathon Project (Team), 24 hours*

- Created a Discord bot that uses Artificial Intelligence to answer questions based on web-scraped data
- Personal contribution: significant contributions to web scraping, openAI, project management, documentation
- **Tools:** BeautifulSoup, openAI, Python, Discord, replit, Git, Github

PandemicTravel - BCIT WinterHacks 2021 [🔗] *Hackathon Project (Team), 2 days*

- Mobile-first web application that provides country-specific Covid-19 data
- Personal contribution: UI / UX design, handling and displaying API and CSV data, CSS, HTML, database interactions
- **Tools:** JavaScript, HTML, CSS, Bootstrap, jQuery, Firebase, Git, GitHub, API data, CSV data

DeskBuddy [🔗] *Academic Project (Team), 1.5 months*

- Mobile-first web application to support mental health by reminding users to take breaks created using Agile method
- Personal contribution: project management, UI / UX design and implementation, backend
- **Tools:** JavaScript, HTML, CSS, Bootstrap, jQuery, Firebase, Git, GitHub

BCIT Simulator [🔗] *Academic Project (Individual), 1 week*

- A text-based adventure game where users select a player class and level up by defeating foes
- Thoroughly documented code using comments, docstrings, doctests, and unit tests
- **Tools:** Variety of modules in Python's standard library

📁 Work Experience

Child Protection Social Worker

Ministry of Children and Family Development | Jan 2019 - present

- Calmly collaborate with multiple stakeholders to resolve high conflict situations

Research Assistant

BC Center on Substance Use | May 2018 - Mar 2021

- Critically analyze, interpret, and manipulate quantitative data from > 5000 papers

Database Admin & Programs Assistant

Senior Services Society | Apr - Sept 2017

- Proposed/created a database for tracking and generating business data
- **Technologies / Tools:** SQL, Microsoft Access, ERD, Excel

🎓 Education

Computer Systems Technology, Diploma

BC Institute of Technology
2021 - 2023 **(93%)**

Bachelor of Social Work

University of British Columbia
2017 - 2019 **(89%)**

Bachelor of Arts: Criminology

Simon Fraser University
2010 - 2015