NICOLE CHEUNG

Vancouver, BC | 604-561-4823 | nicoleacheung@gmail.com | linkedin.com/in/nicole-ashley-cheung/

WORK EXPERIENCE

UI Developer (Co-op), *Jostle* | Jan 2023 – Aug 2023
- Played an integral role in integrating dark mode into the platform by building the "Brand Your Platform" page (where users can configure Dark Mode), implementing the light/dark mode switch, and adding dark mode to two major views of the platform (using **React**, **Redux**, **TypeScript**, **GraphQL**, **REST,** and **SQL**).
- Chosen to speak at the annual company-wide engagement event about my work on dark mode.
- Found, clearly documented, and efficiently fixed platform bugs.

Web Developer (Co-op), *Invoke Media* | Jan 2022 – May 2022
- Built features for client web applications including DCP's NFT Mint and Gallery pages and Go Oil's Account Manager page using **React, Redux**, **JavaScript**, **GraphQL, CSS (Tailwind)**, and **SQL**.
- Researched, formulated, and executed a strategy to integrate push notifications onto a mobile app using **React Native**, **Firebase**, and a **Redis Queue**.
- Participated in weekly meetings with clients to provide demonstrations and ensure requirements were being met.

Open Science Specialist (Co-op), *UBC Centre for Brain Health* | Sep 2021 – Dec 2021
- Supported researchers with data sharing, back-up, coding, and by providing general technical support.
- Built an open-source tool called Scholar Metrics Scraper in the form of **Python** and **R** Jupyter notebooks which automate the retrieval of publication data from Google Scholar and visualize the data with a chord diagram as well as other charts. I co-authored a paper about the tool. Find the repo here.

Program Coordinator, *Office of Pediatric Surgical Evaluation and Innovation, BC Children's Hospital* | Jul 2019 – Aug 2020
- Coordinated various research projects which involved writing research proposals, overseeing research assistants, managing data collection and analysis, facilitating project meetings, and pushing projects over hurdles.
- Wrote a research funding proposal that secured $18,000 from the Spina Bifida and Hydrocephalus Association of Canada for a project on anxiety and depression in pediatric patients with spinal cord disorders.

OTHER PROJECTS

When Air Takes Shape: Global Air Quality Interactive Art | Project Info | May 2024 – current
- As a volunteer with ATTA, I'm helping to develop the program that enables users to select a country/region for the sculpture to visualize air quality data and access interactive educational content about climate change.
- Using **JavaScript**, **React**, **Node.js**

MyRecipes Recipe Scraper | https://my-recipes.fly.dev | Feb 2024 – current
- Allows users to scrape the recipe from a blog and save it using **React**, **Redux**, **Node.js**, **Axios**, **Cheerio** and **SQL**.

TED Talks Visualization Project | https://nacheung.github.io/ted_talking/ | Oct 2023 – Dec 2023
- As a group academic project, created a dynamic visualization (using **JavaScript** and **D3**) to explore TED Talk data.

Portfolio Project | https://nacheung.github.io/portfolio/ | Jan 2021 – current (continually updating)
- Designed and developed a personal portfolio webpage using **React, JavaScript**, **HTML**, and **CSS**.

EDUCATION

Bachelor of Computer Science, University of British Columbia | Sep 2020 – May 2024
Bachelor of Science (Combined Major in Science), University of British Columbia | Sep 2013 – May 2018

SKILLS

HTML, CSS, TypeScript, JavaScript, React, Redux, Node.js, GraphQL, RESTful API, SQL, Python, C, C++, Java, Docker