Philippe Chapdelaine
Software Developer

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Vancouver, Canada

EXPERIENCE

UBC Coping With Neurological Symptoms Lab
Software Developer | Apr 2022 - Pres
- Coding lead and software consultant in psychology lab for researchers, translating their requirements into actionable experiment protocols
- Independently led the development of a custom experiment and titration algorithm to increase/decrease task difficulty based on participant success rate in **Python**

Statistics Canada
Application Developer | Sep 2019 - May 2020
- Populated and maintained databases for both third party clients and government records using **PL/SQL** and **SAS**
- Using **Java**, created a process to be run each morning that summarized all data processed the previous workday in a database entry

PROJECTS

AE Proposal Generator
Front End Developer | Sep 2021 - Dec 2021
- Worked with AE to develop a web app to enable them to easily build proposals for new client work
- Implemented the proposal builder tool using **React.JS** and **CSS**, while using **Axios** to make HTTP requests

Personal Website
Front End Developer | Jul 2021 – Aug 2021
- Designed my personal website using **Figma**, and built it using **Gatsby.JS** and **CSS**, while incorporating Material-UI components
- Used **GraphQL** in order to query, sort, and display markdown files representing work experience and projects

Muscle Monsters UX Project
UX Designer | Jan 2021 – Apr 2021
- Designed an application for a social platform that "gamified" exercise in order to motivate people to get in shape, using **Figma**
- Conducted a user study, comparing a design that emulated social media apps vs. a design which got users working out in a single click

LINKS

philchapdelaine.com

github.com/philchapdelaine

LANGUAGES

Javascript

Java

Typescript

SQL

C++

Python

Prolog

GraphQL

HTML + CSS

LIBRARIES + FRAMEWORKS

React.JS, Gatsby.JS, Node.JS, Express.JS, Redux, Material UI, Axios, JSPsych, PsychoPy

TOOLS

Figma, Invision, Miro, Git/ Github, JUnit, PostgreSQL, Heroku, Postman, MongoDB, Microsoft Azure, Netlify

OTHER SKILLS

Bilingual (French)

EDUCATION

BSc. Cognitive Systems Computational Intelligence and Design
University of British Columbia
Graduated 2022