

MANVEER TREHAN

Vancouver, BC

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Education

University of British Columbia

2019 – 2023

B.Sc with specialization in Computer Science

Vancouver, Canada

Relevant Coursework: Data Structures & Algorithms, Models of Computation, Operating Systems, Computer Systems & Hardware, Machine Learning

Work Experience

Trehan Consulting Group

June 2021 – July 2021

Software Engineer Intern

Vancouver, BC

- Worked on the design, improvement, and addition of front and back end features on the company's main website.
- Updated and added new content to the front end of the company's webpage with JavaScript, HTML + CSS.

Panda Coins

June 2020 – Sep 2021

Co-Founder

- Used GPC to tune and optimize scripts used by **100s** of consoles daily to generate in-game tokens, resulting in a **7%** increase of token production.
- Designed and implemented an efficient order tracking process that increased both the reliability as well as the productivity of the company, which led to over **\$300,000** of revenue in the first year.
- Accumulated **10,000+** total followers through strategic advertising.

Canadian Tire

Nov 2018 – Sep 2020

Sales Associate

Personal Projects

Movie Predictor | Python + HTML + CSS

- This Movie Predictor uses Natural Language Processing and a RandomForestClassifier to provide accurate predictions for text input about the plot of the movie.
- The model was built using spaCy for NLP (lemmatization and selection of relevant parts of speech on movie synopses) and scikit-learn for other preprocessing and training of the final model.

Coin Order Tracker | JavaScript + CSS + HTML

- React app for NBA 2K MyTeam points and Madden NFL MUT coin distributors that provides a simple way to organize and track orders in the short term. Built out of self-need during my time distributing virtual coins to hundreds of frequent customers.
- [Try it here](#)

NHL Playoff Status | JavaScript + CSS + HTML

- App built to view what the current playoff status is of every NHL team. This app contains live statistics for each NHL team and calculates the exact record they need to have over the remaining games in the regular season in order to make the playoffs based off current projections.
- [Try it here](#)

Languages / Skills

- | | | | | |
|--------------|-------|--------------|---------|----------------|
| • Java | • C | • Python | • React | • Matlab |
| • JavaScript | • C++ | • HTML + CSS | • Git | • Scikit-learn |