JEFFERY XIE

Saskatoon, SK

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EDUCATION

UNIVERSITY OF SASKATCHEWAN

Bachelor of Science - Computer Science Major (4th Year)   SEPT 2018 – PRESENT

SKILLS AND TECHNOLOGIES

- JavaScript, HTML5, CSS3, Python, Java, Git
- MongoDB, React, Heroku, Netlify, Express, NodeJS

PROJECTS

POKÉPEDIA | CODE 🔗 | DEMO 🌐

A pokédex that displays information about every pokémon in a responsive UI.

- Developed using MongoDB, React, Express, and NodeJS.
- Implemented state management with Redux & React-Redux.
- Hosted website using cloud-based services such as Netlify and Heroku.

PATHFINDING VISUALIZER | CODE 🔗 | DEMO 🌐

A pathfinding visualizer that shows how various pathfinding algorithms work in real time.

- Developed in Python.
- Includes algorithms such as A* Search, Dijkstra's, and Prim's Algorithm.
- Allows user to place weighted path nodes and create their own mazes.

CLOTHING WEB SCRAPER | CODE 🔗

Retrieves and displays item data from popular clothing websites in an easily readable format.

- Developed using Python, pytest, and Google Drive's cloud storage.
- Lead team meetings and practiced pair programming in a small team.
- Gained experience using Git and Gitlab in a team environment.
- Practiced developing an application with test-driven development.

WORK EXPERIENCE

ESSO GAS STATION   OCT 2016 – APR 2017

Gas Station Attendant

- Processed cash and credit payments from customers.
- Answered phone calls for tow calls and other inquiries.
- Maintained a clean and fully stocked store.
- Performed mid-shift deposits and cash-outs at the end of shifts.