

JEFFERY XIE

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EDUCATION

UNIVERSITY OF SASKATCHEWAN

Bachelor of Science - Computer Science Major

SEPT 2018 – APRIL 2022

SKILLS AND TECHNOLOGIES

- Proficient with JavaScript, HTML5, CSS3, Python, Java, and Git.
- Familiar with MongoDB, React, Heroku, Netlify, Express and NodeJS.
- Gained experience working in team environments using Agile methodologies.

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.

- Created using 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.
- Gained experience with pair programming and using Git in a small team.
- Practiced developing an application with test-driven development.

WORK EXPERIENCE

ESSO GAS STATION | Gas Station Attendant

OCT 2016 – APR 2017

- Answered phone calls for tow calls and other inquiries.
- Maintained a clean and fully stocked work environment.
- Processed customer payments and performed mid-shift deposits and cash-outs.

REFERENCES

Available upon request