

Roseak Lin

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🔗 <http://www.github.com/Roseak-lin>

🌐 <https://roseak-lin.github.io/>

SKILLS

Programming: Java, C++, Python, HTML5, CSS3, JavaScript, React, Bootstrap, JQuery, Node.js

Infrastructure/Tools: Git, PowerShell, Android Studio

Knowledge: Data structures and algorithms, web development, agile development, object oriented programming

EXPERIENCE

Coding Tutor, Western Polaris Tutoring

Sept 2019 - Dec 2021

- Led class of elementary school students through basic concepts coding concepts using **Java**
- Was primary content creator for curriculum and gave lessons on basic and advanced programming topics such as data types, object oriented programming, sorting algorithms, and basic data structures.

PROJECTS AND AWARDS

SpotiShare

ReactJS, CSS, JavaScript, JQuery, Anime.js, Node.js

- Led front end implementation of a group of 3 in a Spotify listening party web app with **real-time syncing** and **live chat**
- Created web pages so that it would have **responsive web design**
- Integrated app with Spotify using the **Spotify Web Playback SDK** and **Spotify Web API**.
- Code repository at <https://github.com/JerryLin1/Spotishare>

Data Structure and Algorithm Visualizer

ReactJS, CSS, JavaScript, JQuery, Anime.js

- Implemented an algorithm visualizer, using ReactJS, for basic search algorithms such as Dijkstra's algorithm as well as demonstrations for **data structures** such as queues and stacks.
- Repo at <https://roseak-lin.github.io/DS-and-Algorithm-Visualizer/>

Sketchy Studios, Hack the North 2021

ReactJS, CSS, JavaScript, JQuery

- Led front end development for a pictictionary like game where players try and describe and draw pictures from other players
- **Collaborated** with 3 other members to complete the app in just 48 hours
- Designed and implemented multiple responsive UIs using **ReactJS**.
- Code repository at <https://github.com/JerryLin1/sketchy-studio>

Country Catalogue Program

Python

- Implemented program created in Python which uses **classes** and **inheritance** to allow a user to read and write information into a text file. This program was written for the UWO CS1026 course and received a 90% grade.

Canadian Computing Competition, Certificate of Distinction

2020, 2021

Java, C++

- Received for scoring in the **top 25%** of all participants in the national competitive coding competition.

EDUCATION

Western University, BSc in Computer Science

Sept 2021 - Apr 2025

G.P.A. 3.9/4.0