

Roseak Lin

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🔗 <http://www.github.com/Roseak-lin>

🌐 <https://roseak-lin.github.io/>

EXPERIENCE

Coding Tutor, Western Polaris Tutoring

Sept 2019 - Dec 2021

- Taught basic **Java and HTML** concepts and syntax to grade 4-8 students
- Explained and gave demonstrations on basic **data structures** such as stacks and queues and **algorithms** such as bubble sort and binary search.

PROJECTS

Personal Portfolio

- Portfolio website implemented using **HTML, Bootstrap 4, CSS, and JavaScript** at <https://roseak-lin.github.io/>

Data Structure and Algorithm Visualizer

- Website that visualizes search algorithms such as BFS and data structures such as stacks
- Implemented using **ReactJS and JavaScript** at <https://roseak-lin.github.io/DS-and-Algorithm-Visualizer/>

Sketchy Studios, Hack the North 2021

- Collaborated with a team of 4 and used the **ReactJS** and **socket.io** to create a pictictionary like game where players try and describe and draw pictures from other players. Project repository available at: <https://github.com/JerryLin1/sketchy-studio>
- Worked on the implementation front end of the application

Smart Day, Hack the 6ix 2021

- Collaborated with a team of 3 and used **ReactJS** and **OpenWeatherMap API** to develop an application to show the local weather around a user and give clothing recommendations. Project repository available at: <https://github.com/p-han-tom/hack6-weather-app>
- Worked on the design and implementation the front end of the application

EDUCATION

University of Western Ontario, BSc in Computer Science

Sept 2021 - Apr 2025

G.P.A. 4.0/4.0

Relevant courses: Introduction to Computer Science

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

SKILLS AND AWARDS

Programming: Java, C++, Python, HTML5, CSS3, JavaScript, ReactJS, Bootstrap 4, jQuery, node.js

Infrastructure: Git, Android Studio

Awards: Canadian Computing Competition Certificate of Distinction: 2020 (Junior), 2021 (Senior)