Roseak Lin

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⬡ 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

Angry Rhyme Town ‖ *React.js, CSS, JavaScript, jQuery, Anime.js, Bootstrap*

- Online, multiplayer game inspired by "Mad Verse City"

- Designed and implemented the front end of the application as well as created features to enhance the user experience. Project repository available at:
`https://github.com/JerryLin1/AngryRhymeTown`

Data Structure and Algorithm Visualizer ‖ *React.js, CSS, JavaScript, jQuery, Anime.js, Bootstrap*

- Created a web page that gives visualizations of search algorithms such as breadth first search and data structures such as queues and stacks

- Used React Router to create separate pages for each visualizer. Project demo availavle at
`https://roseak-lin.github.io/DS-and-Algorithm-Visualizer/`

Sketchy Studios, Hack the North 2021 ‖ *React.js, CSS, JavaScript, jQuery, Bootstrap*

- Collaborated in a team of 4 to create a pictionary 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 design and implementation of 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

AWARDS

- **Canadian Computing Competition**, Certificate of Distinction: 2020 (Junior), 2021 (Senior)
- **London Central Secondary School**, Award of Excellence: 2021

SKILLS

Programming: Java, C++, Python, HTML5, CSS3, JavaScript, React.js, Bootstrap 4, jQuery, node.js
Infrastructure: Git, Android Studio