

# ROSEAK LIN

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🌐 <https://roseak-lin.github.io/>

## EXPERIENCE

**Java Instructor**, Western Polaris Tutoring

Sept 2019 - Present

- Taught basic **Java** 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.

## EDUCATION

**London Central S.S,**

Sept 2017 - June 2021

**G.P.A.** 90%

**Relevant courses:** grade 11, 12 computer science

## SKILLS AND AWARDS

**Programming** Java, C++, HTML, CSS, JavaScript, ReactJS, Bootstrap 4

**Infrastructure** Git, Android Studio, Eclipse, Visual Studio Code

**Awards:** **Award of Distinction (top 25%)** in Waterloo Canadian Computing Competition · **Top 1%** ranking on dmoj.ca · **Honour roll (80%)** and **Award of Distinction (90%)** at London Central S.S

## PROJECTS

### Personal Portfolio

- Personal website that contains my coding experience, project source code, and project links
- Implemented using **HTML, Bootstrap 4, CSS, and JavaScript** and hosted on GitHub pages at <https://roseak-lin.github.io/>

### Quickness/Reaction test

- Built a quickness and reactions built to enhance gaming skills in first person shooter games
- Implemented with **HTML, CSS, and JavaScript** at <https://quickness-test.glitch.me/>

### JavaFX Phonebook

- Built a contact information application that stores and retrieves data in a GUI
- Implemented with **Java and JavaFX** at <https://github.com/Roseak-lin/Javafx-Phonebook>

### Data Structure and Algorithm Visualizer

- Built a site that helps give a visualization of algorithms such as breadth first search and data structures such as stacks
- Implemented **ReactJS and JavaScript** at <https://roseak-lin.github.io/DS-and-Algorithm-Visualizer/>