

CAROLINE TA

ASPIRING SOFTWARE DEVELOPER

SUMMARY

I am fluent and strong in design and integration with intuitive problem-solving skills. Proficient in C++, JAVA. Passionate about implementing and launching new projects.

TECHNICAL EXPERIENCE

- **Northrop Grumman Collaboration Project (2021 - Present)** Collaborated with Unmanned Ground Vehicles software team members to research, design, and build an autonomous vehicle for a rescue mission.
- **Find Root (2020)** [GitHub](#). A program that finds a root of an equation using Bisection, False Position, Newton Raphson, Secant, Modified Secant Methods. Java
- **Numerical Interpolation (2020)** [GitHub](#). A program that performs numerical interpolation using Jacobian and Gauss-Seidel formulas. C++
- **Class Scheduler (2020)** [GitHub](#). A class scheduler for instructors, students to add and delete classes. Java
- **TinDog (2019)** [GitHub](#). A website that promotes a mobile dating application for dogs (not developed) that displays basic business information such as price plans, reviews, and where to download. HTML, CSS
- **Simon Game (2019)** [GitHub](#). A Simon game which tests your memory skills to follow patterns and sound. JavaScript
- **Fast Food Trip (2019)**. Collaborated with a team to implement a fast-food trip that prioritizes the shortest distance to visit all fast-food chains. C++
- **Saddleback Bank (2018)**. A bank that keeps track of transactions of different accounts using OOP. C++
- **Tic Tac Toe (2018)**. A Tic Tac Toe game between 2 players or vs. computer. Users can choose different levels from Easy to Advanced. C++

CONTACT

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SKILLS & LANGUAGES

C++
Java
English
Vietnamese

EDUCATION

B.S. in Computer Science CSU Polytechnic University Pomona

Aug 2020 - Present

- May 2022. **GPA: 4.0 / 4.0**
- Undergraduate Coursework: Discrete Structures, Automata, Databases, Software Engineering

A.S. in Computer Science and Mathematics Saddleback Community College

Aug 2016 - May 2020

- May 2020. **GPA: 3.8 / 4.0**
- College Coursework: Programming Languages, Data Structures, Computer Organization, Calculus III, Differential Equations, Linear Algebra

ADDITIONAL EXPERIENCE & AWARDS

- Member of Computer Science Society
- Alpha Gamma Sigma & Phi Theta Kappa Honor Societies
- Dean's List & Student Panelist
 - Dean's List at Saddleback College (8 semesters) and CSU Pomona (2 semesters)
 - Student Panelist: Gave a presentation on Global Education and Engagement to the Board of Trustees