

Katreeya Ong

Seattle, WA ✉ katreeya.ong@hotmail.com (425)-588-9920 📄 kiyatto.github.io

Education

University of Washington

Sept 2024 – June 2028

B.S. in Informatics

- GPA: 4.0
- **Coursework:** Computer Programming III, Data Structures & Algorithms, Foundational Skills for Data Science, Design Methods

Experience

President of Membership & Administration

Sept 2023 – March 2024

Juanita High School DECA

- Communicated with students and parents through email regarding club fundraisers, competition details, and club meetings; recruited 30+ new chapter members

Swim Instructor

Sept 2021 – June 2022

Cyan Swim Academy

- Taught private swim lessons to children ages 3 - 12, focusing on water safety for beginners and improvement of technique + stamina for experienced swimmers
- Developed individualized lesson plans for students based on strengths, weaknesses, and performance goals; relayed student progress to parents and guardians

Projects

pickle.ai

October 2024

- Prototyped low-fidelity wireframes and high-fidelity mock-ups on Figma for an AI-powered LeetCode assistant
- Designed during a 24-hour hackathon (DubHacks 2024)

CSRSEF Research Project

Oct 2023 - April 2024

- Developed and carried out an investigation on the neurodegenerative effects of lead in the glutamatergic system of *C. elegans* organism
- Tasks included: serial dilution, worm picking, GFP analysis
- Mentored by James Bent, Singhvi Lab @ Fred Hutchinson Research Institute
- Presented at Central Sound Regional Science & Engineering Fair as part of Juanita High School's Biotechnology II Curriculum

DECA International Business Plan

Sept 2021 - March 2024

- Researched target markets, industries, customer segments, and planned the implementation of product solutions into international settings
- Designed and revised 20-pager proposals and accompanying presentations for competition, conducting technical research and developing cost structures, unique value propositions, and key metrics for proposed solutions.

Skills

Languages: English, Thai, Japanese

Programming: Java, HTML/CSS

Design: Figma, Adobe Photoshop, Adobe Premiere Pro

Lab Skills: PCR, Micropipetting, Aseptic Technique, Gel Electrophoresis, ELIZA