

# Erik Luu

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## Education

**California Polytechnic State University** — San Luis Obispo, California

B.S. *Computer Science*, Sept 2019 – June 2023 (*anticipated*)

GPA: 3.3

## Skills

Languages: C, Python, Java, JavaScript

Other: Adobe Create Suite, React

## Relevant Coursework

Object-Oriented Programming and Design

Data Structures

Systems Programming

Design and Analysis of Algorithms

Calculus

Statistics

Linear Algebra

## Projects

**Pokémon Game (2019):**

Custom Pokémon game designed and built using p5.js

<https://erikluu.github.io/Pokemon2019/pokemon2019.html>

## Experience

**AI for Search and Rescue, Research:** *Cal Poly, SLO*

Nov 2021 - Present

- Exploring the use of Artificial Intelligence and related computational methods in support of Search and Rescue missions.

**NCAA Division I Cross Country/Track & Field Athlete:** *Cal Poly, SLO*

Aug 2019 - Present

*Athlete* —

- Built qualities of self-discipline, teamwork, time management, punctuality, self-motivation and competitiveness

**Sheridan Beach Community Club:** *Lake Forest Park, WA*

May 2016 – Aug 2021

*Senior Guard* —

- Taught Red Cross life support/CPR/first aid rescue techniques
- Managed staff and upkeep of pool chemicals

**Real Staging:** *Shoreline, WA*

May 2019 - 2020

*Stager/Mover* —

- Worked with a 2-4 person team to efficiently sort, wrap, store, and move furniture
- Reconciled client disagreements or worries

**Youth Court:** *Lake Forest Park, WA*

Nov 2016 - 2018

*Head Judge* —

- Directly involved in organizing a fair, structured process of adjudication, disposition or resolution of traffic offenses resembling traditional court proceedings

## Honors/Awards Received

- Magna Cum Laud & Top 25 of Graduating Class @ Shorecrest High School (GPA 3.95 Unweighted)
- Cliff Gilles Award, 2018 – 2019
  - “Recognizes an athlete in the greater-area of Seattle, WA for their outstanding scholarship, citizenship and participation in school activities”