

# Erik Luu

15730 Beach Dr NE, Lake Forest Park, WA 98155  
eeluu19@gmail.com : 206.498.2233 : [erikluu.github.io](https://erikluu.github.io)

## Education

**California Polytechnic State University** — San Luis Obispo, California  
B.S. *Computer Science*, Sept 2019 – June 2023 (*anticipated*) – GPA: 3.4

## Skills

Languages: Python, C, JavaScript, Java, MATLAB, Racket  
Other: Pandas, SciKit-Learn, React, Express.js, MongoDB

## Relevant Coursework

Computer Vision	Object-Oriented Programming and Design
Software Engineering	Data Structures
Intro to Data Science	Design and Analysis of Algorithms
Systems Programming	

## Projects

**Quantifying Happiness (2022):**  
An analysis of world happiness and its parameters. (ML/DS)  
<https://github.com/erikluu/Quantifying-Happiness>

**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: *Cal Poly, SLO*** Nov 2021 - Present  
*Research Assistant* —
- 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”