

# 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: 3.37

## Skills

Languages: C, Python, JavaScript, Java, MATLAB, Racket  
Libraries: React, Express.js, Pandas

## Relevant Coursework

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

## Projects

**Pokémon Game (2019):**  
Custom Pokémon game designed and built using p5.js  
<https://erikluu.github.io/Pokemon2019/pokemon2019.html>

## Experience

- |   |                     |
|---|---------------------|
| <b>AI for Search and Rescue:</b> <i>Cal Poly, SLO</i><br><i>Research Assistant</i> — <ul style="list-style-type: none"><li>Exploring the use of Artificial Intelligence and related computational methods in support of Search and Rescue missions.</li></ul>                             | Nov 2021 - Present  |
| <b>NCAA Division I Cross Country/Track &amp; Field Athlete:</b> <i>Cal Poly, SLO</i><br><i>Athlete</i> — <ul style="list-style-type: none"><li>Built qualities of self-discipline, teamwork, time management, punctuality, self-motivation and competitiveness</li></ul>                  | Aug 2019 - Present  |
| <b>Sheridan Beach Community Club:</b> <i>Lake Forest Park, WA</i><br><i>Senior Guard</i> — <ul style="list-style-type: none"><li>Taught Red Cross life support/CPR/first aid rescue techniques</li><li>Managed staff and upkeep of pool chemicals</li></ul>                               | May 2016 – Aug 2021 |
| <b>Real Staging:</b> <i>Shoreline, WA</i><br><i>Stager/Mover</i> — <ul style="list-style-type: none"><li>Worked with a 2-4 person team to efficiently sort, wrap, store, and move furniture</li><li>Reconciled client disagreements or worries</li></ul>                                  | May 2019 - 2020     |
| <b>Youth Court:</b> <i>Lake Forest Park, WA</i><br><i>Head Judge</i> — <ul style="list-style-type: none"><li>Directly involved in organizing a fair, structured process of adjudication, disposition or resolution of traffic offenses resembling traditional court proceedings</li></ul> | Nov 2016 - 2018     |

## 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”