

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: 3.4

Skills

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

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

- 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”