

15730 Beach Dr NE
Lake Forest Park, WA

Erik Luu

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Employment Experience

Cylerian LLC **Software Engineer, Intern** **June 2022 – October 2022**

- Developed a one-click marketplace application for the Cylerian platform to analyze and visualize clients' Google Cloud Platform projects.
- Built scheduled tasks using Google's REST APIs to pull relevant information to model statistics and create visualizations into easy to read, interactive, on-demand dashboards, reports, and relational graphs.
- Technologies: NodeJS, Google Cloud Platform, AWS, MDX, Elasticsearch

Search and Rescue – Cal Poly **Research Assistant** **January 2022 – June 2022**

- Led weekly meetings with a team to organize and index national and California state search and rescue forms to create a platform to electronically store and share these documents.
- Wrote scripts to parse and structure fields in an easily readable and comparable fashion.
- Technologies: NodeJS, Pandas

Sheridan Beach Club **Senior Lifeguard** **Summers 2016 – 2021**

- Provided monitoring, rule enforcement, rescue, and customer service to patrons.
- Led red cross life support, rescue, and first aid technique instructional sessions.
- Managed staff and upkeep of pool.

Education

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

- B.S. in Computer Science, June 2023 (anticipated). GPA: 3.4
- Coursework: Operating Systems; Systems Programming; Computer Vision; Programming Languages; Applied Linear Models; Data Science; Algorithms; Data Structures

Projects

- **Quantifying Happiness** (Winter 2022): An analysis (modeling, validation, processing) of world happiness and its parameters. Read the report on my GitHub [here](#). Python, Sci-Kit Learn, Pandas
- **Zurf** (Winter 2022): A social platform to view, share, and explore surf spots in San Luis Obispo County. NodeJS, MongoDB, Express, React
- **Shell** (Spring 2021): A shell capable of piping, file redirection, and bash commands. C, Bash
- **Pokémon Game** (Fall 2019): Custom Pokémon game designed and built as an introduction to coding. Play here: <https://erikluu.github.io/Pokemon2019/pokemon2019.html>. p5.js

Additional Experience and Awards

- **NCAA Division I Cross Country and Track Athlete** (Fall 2019 – Present)
- **Central Coast Data Science Fellowship** (Fall 2022 – Present)

Languages and Technologies

- JavaScript, Python, Bash, C, Java, MATLAB, Racket, SQL, R
- NodeJS, Google Cloud Platform, AWS, Pandas, SciKit-Learn, React, Express, MongoDB, Numpy, Linux