

15730 Beach Dr NE  
Lake Forest Park, WA

# Erik Luu

[erikluu.github.io](https://erikluu.github.io)

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## Employment Experience

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

- 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 API's to pull relevant information to create and organize statistics and visualizations into easy to read, interactive, on-demand dashboards, reports, and relational graphs.

**Research Assistant**                      **Search and Rescue – Cal Poly**                      **March 2021 – Present**

- 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.

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

- Led red cross life support, rescue, and first aid technique instructional sessions.
- Managed staff and upkeep of pool.
- Ran and structured lifeguard and volunteer duties for local swim meets.

## Education

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

- B.S. in Computer Science, June 2023 (anticipated). GPA: 3.4
- Coursework: Operating Systems; Systems Programming; Programming Languages; Object-Oriented Programming; Data Science; Linear Algebra

## Projects

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

## Additional Experience and Awards

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- **NCAA Division I Cross Country and Track Athlete** (Fall 2019 – Present)
- **Cliff Gilles Award** (Spring 2019): "Recognizes an athlete in the greater-area of Seattle for their outstanding scholarship, citizenship, and participation in school activities."

## Languages and Technologies

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- JavaScript, Python, C, Java, MATLAB, Racket, SQL
- Google Cloud Platform, Pandas, SciKit-Learn, React.js, Express.js, MongoDB