

## Eshan Prakash

(510) 320 7057 | [eprakash@oxy.edu](mailto:eprakash@oxy.edu) | <https://www.linkedin.com/in/eshan-prakash> | <https://github.com/eshanprakash>

### EDUCATION

**Occidental College** Los Angeles, CA  
Bachelor of Arts double-majoring in Computer Science and Cognitive Science Aug 2023 – Present

**Irvington High School** Fremont, CA  
High School Diploma Aug 2019 – Jun 2023

### RELEVANT COURSES

Fundamentals of Computer Science, Computing in Real Life, Computer Organization\*, Data Structures\*, Principles of Economics I\*

### SKILLS

**Languages** : Python, Java, SQL (MySQL, Snowflake)  
**Libraries** : Pandas, Scikit-Learn, Matplotlib, Seaborn, NumPy  
**Tools** : Anaconda Cloud, Snowflake, PyCharm, IntelliJ, Eclipse, Visual Studio, Microsoft Excel

### EXPERIENCE

**Student Research Assistant** Mar 2024 – Apr 2024  
Occidental College Pasadena, CA

- Utilized Computer Science, Data Analysis, and Data Visualization principles in order to perform Urban Environmental Policy Research
- Worked in Google Colab to collaboratively code in Python/Pandas/Bokeh for Data Analysis.

**Data Science Intern** Aug 2023 – Dec 2023  
STEAM:CODERS Pasadena, CA

- Developed an ETL pipeline to consolidate, sanitize and upload data on Snowflake for analytics.
- Built a Python/Pandas tool to enable data sanitization and data validation of the master data-frame.
- Created relevant SQL views for use in conjunction with Tableau for visualization.

**ML Research Associate** Jun 2021 – July 2021  
Inspirit AI Fremont, CA

- Critiqued and analyzed models used by police to predict criminal reoffending that contained racial bias.
- Developed alternative ML model using Python to predict criminal reoffending without racial bias.
- Presented and explained functions and production of the model to a panel.

**ML Research Associate** Jun 2021 – Aug 2021  
Aspiring Scholars Directed Research Program (ASDRP) Fremont, CA

- Designed and developed an ML system to identify leaves of plants that perished due to sudden oak death.
- Helped organize the research team with regular meetings and final presentation.

**ML Research Associate** Jun 2020 – Aug 2020  
Aspiring Scholars Directed Research Program (ASDRP) Fremont, CA

- Employed supervised learning to train an ML model using several features of a player's performance to eventually predict NBA MVP player for 2021.

**Personal Projects** Sep 2023 – Oct 2023

- Developed [A Computational Approach to Understanding the Future Economic Performance of Corporations](#). Trained and tested a logistic regression model identifying features that determine a corporation's success.

#### LEADERSHIP AND ACTIVITIES

---

##### **Oxy OpenSource**

Aug 2023 – Present

- Helped to organize club meetings and social events amongst club members.

#### References

---

##### **Available Upon Request**

- Isac Lee (Data Analyst @ STEAM:CODERS)

\* Enrolled