**Eshan Prakash**

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EDUCATION

**Occidental College** Los Angeles, CA

Bachelor of Arts in Computer Science with minor in Mathematics  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\*

HARD SKILLS

**Languages :** Python, Java, SQL (MySQL, Snowflake)

**Libraries :** Pandas, Scikit-Learn, Matplotlib, Seaborn, NumPy

**Tools :** Anaconda Cloud, Snowflake, PyCharm, IntelliJ, Eclipse and Visual Studio

SOFT SKILLS

**Communication:** Verbal, Written

**Interpersonal :** Active listener, Leader, Conflict management, Extroverted

**Intrapersonal :** Self-disciplined, Persistent, Confident, Ready to learn

EXPERIENCE

**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 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.

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**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](https://github.com/eshanprakash/ForbesGlobal2000PredictiveModel). 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