Rinrada Maneenop

https://rinman57.github.io/rinrada.earn/ | rinradamaneenop7@gmail.com | linkedin.com/in/rinrada-maneenop | github.com/rinman57

Education

University of California, Berkeley **Expected Graduation: May 2027**
B.A. Data Science, Domain Emphasis: Business and Industrial Analytics GPA: 3.60

Relevant Courses: Data Engineering, Machine Learning, Optimization Modeling, Principles and Techniques of Data Science, Data Structures, Probability for Data Science, Multivariable Calculus, Linear Algebra & Differential Equations

Experience

Mugen Links Jun 2026 - Aug 2026
Data & Business Analyst, Web Development Intern *Tokyo, Japan*

- Extracted and analyzed 5+ years of Japan Tourism Statistics using SQL and Excel, building automated Tableau dashboards that surfaced key market KPIs to inform go-to-market strategy for a new eSIM product
- Designed website UI/UX in Figma and engineered the front-end using React, JavaScript, and Wix Studio with Velo, translating wireframes into two responsive, production-ready sites at mugensim.com

Data 6, Data 8 & Data 198 at UC Berkeley Jan 2025 – Present
Student Instructor *Berkeley, CA*

- Led discussion sections and office hours on statistical inference, A/B testing, hypothesis testing, confidence intervals and classification, guiding students through end-to-end data analysis pipelines using Python, pandas, and NumPy; created and published course assignments via GitHub, managing version control for student materials

AMD Jan – May 2026
Data Science Consultant (Contract) *Berkeley, CA*

- Engineered and automated Python profiling dashboards for GPU performance regression detection using kernel fusion detection, sequence alignment, and drift detection algorithms, cutting manual analysis effort by **80%**

Curriculum Development Research Jan – Jun 2026
Curriculum Developer and Researcher *Berkeley, CA*

- Conducted extensive research by integrating Polars into course assignments, translating complex concepts into accessible curriculum materials and significantly improving student comprehension and retention rates; presented findings at the DuBois Symposium

Data Science Society at UC Berkeley Sep 2025 – Jun 2026
Project Lead *Berkeley, CA*

- Co-led a 5-student team implementing NLP pipelines (TF-IDF, word embeddings, Transformers) for sentiment analysis using PyTorch and Pandas

Projects

Song Popularity Classification | *Pandas, Python, Seaborn, Matplotlib*

- Led data cleaning, feature engineering, and EDA to develop a machine learning pipeline for predicting viral song hits (500M+ streams)
- Engineered Random Forest and XGBoost models achieving 96% accuracy and an R^2 score of 0.896 across the full project life-cycle

Skills

Technical Skills: A/B Testing, Data Analysis, Data Visualization, Machine Learning, Feature Engineering, Linear Regression, Logistic Regression, Random Forest, XGBoost, Neural Networks, NLP, Transformers, Time Series, PCA, Linear Programming, Convex Optimization

Programming Languages: Python, SQL (Postgres, MySQL), Java, JavaScript, HTML/CSS

Libraries: pandas, polars, scikit-learn, NumPy, Matplotlib, Seaborn, Pyomo

Tools/Software: VS Code, GitHub, Tableau, Jupyter Notebook, Cursor, IntelliJ, BeautifulSoup4, Adobe Creative Cloud, Microsoft Office Suite, Excel, TaxSlayer

Languages: English (Fluent), Thai (Fluent), Spanish (Intermediate)