

Tibet Yakut

tibetyakut1@gmail.com ▪ +1 914-614-8737 ▪ linkedin.com/in/tibet-yakut ▪ tibetyakut.xyz

EDUCATION

- University of California, Berkeley - Data Science, Minor in Computer Science and Philosophy** **Expected Graduation: May 2027**
- **Coursework:** Intro to ML, Intro to AI, Computer Architecture, Computer Security, Data Structures, Structure & Interpretation of Computer Programs, Discrete Math & Probability, Linear Algebra & Differential Equations, Human Contexts & Ethics of Data
 - **Organizations:** REVERB (President), Turkish Student Association (Co-President), DataGood (Senior Advisor & Former President), Kappa Alpha Order Fraternity Member

WORK EXPERIENCE

- Precisely, Remote - AI Full Stack Developer Intern** **June 2026 - August 2026**
- Built customer-facing AI applications for the company's AI Studio demo platform, orchestrating multi-agent LLM workflows over MCP behind a Flask backend.
 - Developed an insurance claims triage tool: 3 agents return a decision in under 2 minutes, with address-quality scoring gating low-confidence results and a visual trace showing how each was reached.
 - Developed a second app on Precisely's Data Graph APIs, joining 6 property datasets into a single underwriting report from a street address; pitched 5+ product concepts and presented shipped work to the CTO.
- Data C104 Course Staff, UC Berkeley - Lead Tutor Position** **August 2025 - Present**
- Lead & audit a group of 4 readers; Lead weekly office hours; grade ~50 student quizzes weekly & evaluate midterm/final exams
 - Collaborate weekly with instructors and fellow readers to ensure consistent grading standards and course content alignment.
- Opnova, Palo Alto, CA - AI Research Engineer Intern** **May 2025 - August 2025**
- Evaluated company's AI agent product by building an evaluation benchmark of 1000+ test cases, reporting to Chief AI Officer.
 - Achieved 87% model accuracy across full evaluation suite and identified improvement opportunities.
 - Built "DevTools", a custom 12-script command-line interface that automated evaluation workflow, cut time from days to hours.
 - Integrated Claude 3.5, 3.7, and 4.0 APIs to enable cross-model comparisons for product evaluation.
- Teladoc Health, Purchase, NY - Intern** **May 2023 - June 2023**
- Applied SQL and LSTM time-series forecasting methods while shadowing the Data Science team.
 - Created and presented 12-slide strategic presentation on GenAI applications and digital health innovation to C-Suite executives.

PROJECTS / RESEARCH

- Reinforcement Learning (Pacman, Gridworld, Crawler)** **March 2026**
- Implemented core reinforcement learning algorithms (Value Iteration, Prioritized Sweeping, Q Learning, Epsilon Greedy, and Approximate Q Learning) in Python to train agents across 3 environments, achieving 90%+ win rates on complex grid layouts with only 50 training episodes using feature based generalization.
- Natural Disaster Research, Stevens Institute of Technology** **May - August 2024**
- Evaluated GPT-4o and Llama 3.1 for disaster response tasks; compared prompt engineering, retrieval-augmented generation (RAG), and fine-tuning to identify performance gaps and deployment trade-offs.
- Build Your Own World (BYOW Game)** **April 2024**
- Developed UI and back-end for a 2D tile-based world exploration engine in Java; implemented disjoint sets (Union-Find) for map generation and state persistence; used GitHub for continuous integration.
- Ngordnet (Ngrams, Wordnet)** **March 2024**
- Developed Java packages for exploring the history of word usage in English texts. Used graphs, hashmaps, and graph algorithms to analyze relations between words efficiently. Designed automated tests, used GitHub for version control.

LEADERSHIP & EXTRACURRICULAR EXPERIENCE

- REVERB Music Group, UC Berkeley - President** **December 2024 - Present**
- Lead UC Berkeley's music production community; host industry speakers and showcases, teach DJ and production workshops.
- DataGood (Data Science + Social Good), UC Berkeley - Senior Advisor & Former President** **September 2023 - Present**
- Advise club research projects and members; oversaw recruitment and led social-good initiatives; waste classification project.
- Additional Leadership & Service** **September 2016 - June 2023**
- Mentored underserved students with ATADC, Hudson Scholars, Bridge to Türkiye Fund, and Hearts & Homes for Refugees.

SKILLS & INTERESTS

- **Technical Skills:** Reinforcement Learning, Agent Systems & Evaluation, LLMs, Hugging Face, scikit-learn, TensorFlow, Pandas, NumPy, Matplotlib, Seaborn, SQL, GitHub
- **Programming Languages:** Python, Java, Javascript, HTML, C, RISC-V, Assembly
- **Awards:** Cal Alumni Association - The Leadership Award (2022-2023), Russ Hogg - Creative Expression Grant