

# Luna Tian

707-628-0995 | lunacute1777@gmail.com | San Ramon, CA | linkedin.com/in/lunat618/ | lunasocute.com/

## EDUCATION

### University of California, Berkeley

Bachelor's Degree, Computer Science

Aug. 2022

GPA: 3.76/4.0

## SKILLS

**Languages:** Python, Java, C, Go, SQL, JSON, HTML, CSS, Javascript

**Frameworks & Libraries:** Django, SpringBoot, React, Bootstrap, MyBatis, Pandas, JUnit

**Tools:** Git, AWS, Postman, Docker, MySQL, DBeaver, Redis

## EXPERIENCE

### Founder & Full-stack Engineer

*Spotal*

Jul. 2025 – Current

*San Ramon, CA*

- Designed and developed the initial backend architecture and user registration flow for an MVP platform that enables photographers to share and discover geotagged shooting spots.
- Built backend infrastructure with **Django REST Framework** and **PostgreSQL** with JWT-based authorization.
- Defined product roadmap using **Notion**.

### Tech Lead (prev. Software Engineer Intern)

*Foundation for a Human Internet (humanID)*

Jan. 2024 – Jun. 2025

*Cambridge, MA*

- Led a team of 6 engineers to build a secure, privacy-first authentication infrastructure at a nonprofit advocating for a more human internet.
- Led infrastructure operations across 5+ **AWS EC2** instances and **Docker** containers. Leveraged **DBeaver** and SQL to identify and correct hundreds of inconsistent records in **Amazon RDS**, significantly improving data quality and operational confidence.
- Redesigned a **Stripe-integrated** billing system by shifting from a cron-based asynchronous model to a real-time sync architecture, enabling automated balance deduction and top-up. Reduced average peak-hour DB read latency by ~60%, based on AWS volume monitoring..
- Spearheaded the integration of the Discord Verification Bot with a Django-based user system via **RESTful API** and **Discord API**, resulting in **86%** increase in new user registrations and a **53%** increase in weekly logins over two months, based on internal usage metrics.
- Integrated Discord API to build a verification Discord Bot with OTP login, role-based access control, and real-time webhook notifications, managing over 10k+ community users.

### Independent Developer

*Self-Directed Projects*

Mar. 2023 – Dec. 2023

- Designed and developed a microblogging platform MVP using SpringBoot and React, implementing user authentication, post creation, and interaction features.
- Deployed a backend application to AWS EC2 with Amazon RDS, optimizing cloud infrastructure and database configuration for production use.

## PROJECTS

### Spotal | Sole Developer

2025

- Location-based photography app backend supporting user uploads, tagging, and collection features.  
Notion: <https://tinyurl.com/4nezkr38> | Github: <https://github.com/Lunasocute/spotal-backend>

### humanID Developer Console | Lead Developer

2024-2025

- Credential & billing management website for humanID clients to manage accounts.  
Demo: <https://tinyurl.com/3vvjr6eu> | Website: <https://developers.human-id.org/home/>

### humanID Verification Bot | Lead Developer

2024-2025

- Github: <https://github.com/human-internet/discord-bot>

### NumC | Lead Developer

2021

- A C-Language library that mirrors NumPy's matrix functionalities utilizing the Python/C API and parallel programming achieving a significant speedup.