

Qing Tian

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EDUCATION

University of California, Berkeley

Bachelor's Degree, Computer Science

GPA: 3.8/4.0

Aug. 2022

SKILLS

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

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

Tools: Git, Redis, AWS, Postman, Docker

EXPERIENCE

Tech Lead

humanID

May 2024 – Current

Cambridge, MA

- Directed technical operations by accessing **AWS EC2** instances via SSH to retrieve and analyze error logs, ensuring code base updates and maintenance.
- Coordinated project task distribution with global teams, refactoring over 5 projects to enhance user adaptability
- Implemented time-effective hiring practices for developers based on agile development principles, improving performance by **50%**.

Software Engineer

humanID

Jan. 2024 - Current

Cambridge, MA

- Spearheaded a cross-platform communication feature on the Developer Console website, facilitating seamless transmission of credential information across different platforms. Streamlined the process of users integrating the Discord bot server.
- Spearheaded an auto user registration feature on Discord Verification Bot in Django, utilizing the **RESTful** API and **BeautifulSoup**, resulting in a **200%** increase in new user registrations and a **50%** increase in weekly logins over the past 2 months.
- Enhanced Discord Verification bot using **discord.py** API, enabling it to assign permissions and roles automatically, significantly enhancing the user experience.
- Improved the UI/UX changes to the Developer Console website using HTML, CSS, JavaScript, and Bootstrap, adapting to the new features and improving user experience.
- Performed comprehensive testing of API endpoints utilizing **Postman**.

Software Engineer

Eth Tech

June 2023 - Dec. 2023

Newark, CA

- Developed the backend of a microblogging platform using **SpringBoot** and **RESTful** API, enabling user registration and post interactions.
- Established a relational database schema in **MySQL** using **Mybatis**.
- Deployed the application as an **AWS EC2** instance and utilized **Amazon RDS** for distributed cloud storage.

PROJECTS

IDEAS DAO | *Python, Django*

Oct. – Dec. 2023

- Developed RESTful API endpoints for user registration, OTP generation, and password reset in a mobile app backend.

Pintos | *C*

Feb. – Apr. 2022

- Developed an educational operating system in C as part of a 4-person team supporting multithreading, loading and running user programs, and a file system.

A Secure File Sharing System | *Go*

Nov. – Dec. 2021

- Designed and developed a secure file-sharing system utilizing multiple encryption techniques such as HMAC and block cipher algorithm, ensuring the integrity and confidentiality of the files.

NumC | *C, Python*

July – Aug. 2021

- Led the development of a C library that mirrors NumPy's matrix functionalities, utilizing the Python/C API and parallel programming achieving a significant speedup.

GitLet | *Java*

Feb. – Apr. 2021

- Designed a version-control system in Java, encompassing features like content commits, version rollback, directory reset, merge, and remote operations.