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Skills

Java
Python
C
C#
Go
SQL
JSON
HTML
CSS
Javascript
React
Bootstrap
Git
Redis
AWS
Postman
MyBatis
MySQL
Pandas
Linux
Docker

Education

08/2022

Bachelor of Arts:

Computer Science

University of California, Berkeley

GPA: 3.8/4.0

Qing Tian

Experience

humanID - Software Engineer

Cambridge, MA

01/2024 - Current

- Built a Verification bot for Discord using Django and discord.py, enabling it to assign permissions and roles automatically.
- Implemented cross-platform communication functionality on the Developer Console website, facilitating seamless transmission of credential information across different platforms for clients.
- Refactored the code base, enhancing the server's robustness and efficiency.
- Maintained code quality through debugging and peer reviewing, ensuring smooth service operation.

Eth Tech - Software Engineer

Newark, CA

01/2023 - 12/2023

- Developed an internal microblogging platform using SpringBoot, enabling user authentication, post interactions, and commenting functionalities.
- Structured and managed customer and business data by establishing a relational database schema in MySQL.
- Leveraged AWS technologies for deployment and scalability, deploying the application as an ECS instance and utilizing Amazon RDS for distributed cloud storage.
- Designed and built a responsive user interface using React, HTML, CSS, and Bootstrap, ensuring a seamless user experience.

Projects

NumC - API For Matrix Operations

Berkeley, CA

06/2021 - 07/2021

- Led the development of a C library that mirrors NumPy's matrix functionalities, emphasizing optimized performance.
- Utilized the Python/C API to empower users with efficient matrix operations through Python scripts, leveraging the speed advantages of the C language.
- Utilized parallel programming techniques like SIMD instructions and OpenMP, achieving a significant speedup.

GitLet - Version Control System

Berkeley, CA

02/2021 - 04/2021

- Developed a fully functional version control system in Java featuring commits, rollbacks, resets, merges, and more.
- Utilized a branching hierarchy to store the metadata of commits and branches for conflict resolution and merging.