Ricky Jiaqi Gu

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EDUCATION

University of California, San Diego — La Jolla, CA
Master of Science (Computer Science and Engineering) — Sep. 2022 – Dec. 2023

Purdue University — West Lafayette, IN
Bachelor of Science (Computer Science - Machine Intelligence) — Aug. 2018 – May. 2022
GPA: 3.90/4.00
Phi Beta Kappa - Nation's most prestigious academic honor society.

PROJECTS

Personal Portfolio Website — Dec. 2023
Demo: https://meet-ricky.netlify.app/
- Built a personal portfolio website based on **Vanilla HTML**.
- Stylized the website using **Vanilla CSS**.
- Enabled responsive design via media queries with customized screen size thresholds.
- Implemented hamburger design of menu list on mobile view using **JavaScript**.

Todo-list Web App — Dec. 2023
Demo: https://todo-app-ricky.netlify.app/
- Built a **Node.js** todo-list web app which allows users to keep track of their tasks online.
- Stylized the app using **Vanilla CSS**.
- Enabled instant task addition and removal using **React.js**.
- Setup a local storage for users tasks that updates user data via **React.js Effect Hook**.

Discord Bot — Jan. 2024
- Built a **Node.js** Discord Bot which allows users to check real-time gaming info.
- Connected the bot to **MongoDB** via connection string and mongoose.
- Fetched player data through the official API of the game using **Axios**.

Reddit Clone Web App
No longer maintained — Oct. 2023
- Built a **Next.js** Reddit clone where users can create community, post content, comment and up-vote and down-vote.
- Modeled a **Prisma** database and hosted it on **PlanetScale** which enables the data communication between client and server.
- Configured credentials on **GCP** to allow users to sign into the web app using their Google account.
- Realized client-server real-time data update (voting status, comment, etc.) via implementing query and **React.js Axios**.
- Stylized the app using **Tailwind CSS** and components from **Shadcn-UI** kit.

CERTIFICATE(S)

Meta Front-End Developer Specialization — Issued Sep. 2023

SKILLS

Languages: HTML5, CSS3, JavaScript, Python, MySQL
Frameworks: React.js, Node.js, npm, Next.js, Tailwind CSS, Prisma, Auth, Shadcn-UI
Tools: Figma, Google Cloud Platform (GCP), MongoDB, Vercel, Netlify, PlanetScale, Git