Tianchou(Joe) Gong

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Github:https://github.com/GongTianchou

EDUCATION

Northeastern University, San Jose, CA August 2022 - May 2025
Candidate for a Master of Science in Computer Science, GPA 4.0/4.0

Temple University, Philadelphia, PA September 2014 - August 2016
Bachelor of Actuarial Science, GPA: 3.54/4.0

TECHNICAL SKILLS

Languages: Python, Java, C, HTML, CSS, JavaScript
Tools &Frameworks: GitHub, AWS, React.js, jQuery, JSON, express.js, node.js, Bootstrap
Databases: MS Access, SQL Server, MongoDB Database

PROJECTS

Full Stack Book Search Website July 2022

- Developed a full-stack website that helps readers search for new books by keywords with Google book API. After the user login, the user can modify the book they saved or delete in the favorite book list.
- The web service was implemented using the React.js framework. Utilized Apollo Server to use GraphQL queries and mutations to fetch and modify data. Used Mongo DB to store information.
- Created and implemented authentication functionality by JWT decode and modified authentication middleware work in the context of a GraphQL.

Full Stack City Weather Forecast Website June 2022

- Developed a website that offers multiple cities 5-day forecast outlook for travelers, added user's search to the search history, and provided travelers an easy way to make informed decision.
- Used the service-side OpenWeather service APIs to retrieve weather data (including temperature, and wind speed) for cities; developed the frontend using HTML and CSS; Updated the website throughout Bootstrap's grid system, Utility Classes, and UI components.
- Search history feature allowed users to easily access previously searched locations without having to manually search again, which saved time and improved the user experience in scheduling multiple cities' travel plans.

Full Stack AstroZod Website May 2022

- Developed a platform for people to learn about horoscopes and explore their prospects through a blog-like interface with commenting features.
- Frontend built using HTML, CSS, and Handlebars.js. The backend is implemented with MySQL, Sequelize ORM, and Bcrypt.js for secure authentication.
- Daily meetings were held to collaborate and solve problems, leading to a well-organized and efficient development process.