Junhao Guo

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SUMMARY

Seeking an internship engineer position starting from April 2023.

Ambitious candidate with strong programming, analytical, and designing skills. A wide range of project experience in web development. Detail-oriented and results-driven strategic thinker with the ability to move teams forward under critical deadlines to execute large-scale international trade show programs.

EDUCATION

California State University, Fullerton   Fullerton, CA
Bachelor of Science, Computer Science   Jan. 2023 - Dec. 2024 (expected)
Santa Barbara City College   Santa Barbara, CA
Associate of Science, Computer Science   Sep. 2021 - Dec. 2022

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, SQL.
Databases and Cloud: MySQL, AWS (EC2, RDS), GCP (GAE, GCS), Elasticsearch, Google App Engine.
Web/Mobile Development: Spring, React, Node.js, Java Servlet, HTML & CSS, Android.

PROJECTS

A Personalized Twitch Resources Recommendation Engine
- Developed a full-stack web application for users to search twitch resources and get recommendations.
- Developed user-friendly web pages using React and AntD, and deployed to AWS EC2.
- Implemented login/ logout/ favorite RESTful APIs and used Java Servlet to handle HTTP requests.
- Built a MySQL database on Amazon RDS to store position data fetched from Twitch API.
- Implemented a content-based search algorithm to recommend Twitch resources for use.

An online stay rental application based on React and Spring Boot.
- Developed a single-page web application using React and AntD, and deployed to GAE.
- Implemented stay upload, delete, search and reserve backend services using Spring Boot.
- Used MySQL to store user-generated data, e.g., stay information and reservation history and utilized Google Cloud Storage to store media files for the uploaded stays.
- Created geo index by Elasticsearch to support geo-based stay search based on user's selected locations.
- Implemented token-based server-side user authentication based on the Spring Security framework.

React JS-based Starlink Trajectory Visualization
- Developed a visualization dashboard using React and D3 to track satellites in real-time locations.
- Built location, altitude, and duration-based selector to refine satellite search.
- Animated selected satellite paths on a world map using D3 to improve user-friendliness.
- Deployed the dashboard to Amazon Web Service for demonstration.

EXPERIENCE

OC ANAHEIM ADHC/CBAS   Anaheim, CA
IT Support Intern   May. 2023 - current
- Assisted the IT team with hardware and software installations.
- Responded to user inquiries via email and phone, troubleshooting software and hardware problems.

SHING KEE GODOWN(HOLDINGS) LIMITE   Shenzhen, China
Assistant Project Manager   Aug. 2018 - Feb. 2021
- Organized several high-profile international fairs each year in China, covering various industries and sectors, creating opportunities for over 200 companies in 20 countries to promote their products or services to about 10,000 domestic and foreign professional purchasers at each fair.