YIZHOU (CATHERINE) ZHANG

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ABOUT ME

Career changer! I am a Full Stack Software Engineer with a knack for detail, precision, and clean system designs. As a former CFA charterholder and Senior Manager, I have more than 7 years of consulting and financial analysis experience for start-ups and pre-IPO companies and have managed teams/projects with over 10+ people across various time zones and continents.

Python | JavaScript | SQL | HTML | CSS | React | Redux | Express | Flask | Node.js | PostgreSQL | Sequelize | SQLAlchemy | Git | Amazon Web Services | Google Cloud Platform

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PROJECTS

Summary
- Back-end server and RESTful API implemented with ExpressJS or Flask.
- Front-end server implemented with React and Redux.
- Relational database using SQlite and PostgreSQL utilizing Sequelize or SQLAlchemy.

Online Marketplace [Live Site](#) | [Git Repo](#)
- Accomplished search by location, map views and address check using Google Maps APIs.
- Implemented file upload using Firebase storage.

Instant Messaging System [Live Site](#) | [Git Repo](#)
- Enabled live chat using Socket.io.

Payment Service [Live Site](#) | [Git Repo](#)
- Robust to race conditions by performing read and write in the same transaction and using a select for update on the read to put a lock on the row
- Enabled live notifications for payment and friend requests using Socket.io.
- Implemented file upload using AWS S3.

WORK EXPERIENCE

GrubMarket Inc. | Senior Manager, Nov 2021 to present
- Led the company's post-acquisition and valuation accounting and finance reportings
  - Cleaned up the company's 2-years of past-due valuation-specific reporting compliances within 5 months of employment.
- Designed protocols and standard procedures to achieve accurate and efficient reporting
- Coached and trained team members

Alvarez & Marsal | Manager in Valuation, June 2021 – Present
- Designed option pricing model driven valuation analysis for biotech private equity companies
  - The analysis procedure was adopted by clients immediately and passed quarterly audit reviews with no red flags.
- Reach out to and engage with new prospects to provide information on the firm's valuation line of services
- Prepare audit review responses, sensitivity analysis and working papers to support audit review processes

Grant Thornton | Manager in Corporate Value Consulting, August 2019 – May 2021
- Led and executed on the firm's largest reoccurring valuation project semi-annually with a team of 11 people for fair market yield analysis for various types of debts
  - Improved the internal project management and documentation process, simplified methodologies and shortened the turnaround time by 1/3 to 50 percent depending on the complexity of the debt
- Review valuation reports to ensure that information used is accurate and well-documented, and methodologies and assumptions are reasonable and supported
  - Ensured no red flags or errors during the audit review process
- Managed client expectations concerning project deliverables and deadlines
- Teamed with partners and senior managers on proposals and business development calls
- Recruited, managed, mentored, and trained senior associates and associates