



Yingshi Huang

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EXPERIENCE

Fluid Dynamics Solutions, Inc.

Portland, OR

Junior computational fluid dynamics Engineer

Jul 2024 – Nov 2024

- Maintained and enhanced the company website by updating content regularly, preserved its original design style, and optimized it for mobile responsiveness to improve user experience across devices
- Interacted with clients and potential clients to discuss project requirements and solutions, applied technical insights with support from senior engineers to foster strong client relationships
- Conducted simulations and numerical analyses to model Cleanrooms using commercial software, leveraged programming skills and technical expertise with senior engineer guidance

Living Basic One, LLC

Boston, MA

Market Analyst

May 2023 – Jun 2024

- Conducted data-driven analyses to identify potential renter demographics and demand in target areas, ensuring viable rental income opportunities before house purchases
- Utilized market analysis and consumer behavior data to recommend purchase locations and property types most attractive to renters, maximizing occupancy rates, and rental income potential
- Collaborated with professional real estate agents to validate market data and incorporate local insights
- Refined strategies to align with real-world trade practices and pricing trends

Boston University

Boston, MA

Teaching Assistant

May 2022 – Sep 2022

- Led 30+ students, achieving a 20% increase in grades to an A and a 100% passing rate, structured actionable approaches and taught data structures using Python to ensure the accuracy and reliability of educational outcomes
- Assessed student's understanding and enhanced their error-handling skills through targeted feedback, simplifying complex setups and leveraging GitHub repositories for efficient code management and collaboration

Hongying Textile Industry

Zhaoqing, Guangdong

IT Support

Sep 2018 – May 2019

- Optimized the performance of a \$35K CAT electric generator by interpreting maintenance manuals, achieving a 13% increase in efficiency and a 5% reduction in energy loss
- Resulted in savings of \$100 per hour during power outages lasting at least 20 hours per month
- Integrated 3 years of historical data to accurately identify peak and slow seasons, optimized operational planning, decision-making, and resource allocation, consolidated shipments, reduced costs by 5% and delivery time by 50%
- Collaborated across departments to achieve 90% on-time shipment accuracy, improving customer satisfaction, reduced complaints from 20% to 5%, and strengthened operational reliability and customer relations

EDUCATION

Boston University

Boston, MA

Master of Science, Computer Information Systems

Oregon State University

Corvallis, OR

Bachelor of Science, Computer Science

SKILLS

Languages: C, C++, Python, SQL, R, Java, JavaScript, MATLAB

Technologies: Figma, PostgreSQL, Oracle, Google Big Query, React.js, MongoDB, Git, Docker, AWS, OpenCV

CERTIFICATES

CompTIA Data+

Nov 2024 – Nov 2027