



Chad Tao

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Objective

Full-Stack Web/Mobile Developer Position

Education

Master of Science, Petroleum Engineering
University of Southern California, Los Angeles, CA

GPA: 3.7 (4.0 scale)
August 2017

Bachelor of Science, Mechanical Engineering
University of the Pacific, Stockton, CA

GPA: 3.5 (4.0 scale)
December 2015

Skills

- Web Technology Capabilities:
HTML CSS Javascript ECMAScript JQuery SQL/NoSQL Databases Node JS
MERN Stack MongoDB Python React JS/Redux React Native RESTful APIs
VueJS Headless CMS Various CSS libraries and frameworks Algorithms
Data Structures Test Driven Development
- Other Computer programming and software:
Solidworks MATLAB AutoCAD Basic Stamp 2.55
Mathematica LabVIEW Microsoft Office Suite
- Fluent Languages:
English Mandarin Chinese Cantonese

Work Experience

Senior Tutor and Instructor for Trilogy Coding Bootcamp (2017 – Present)

- Assist in teaching and training potential full stack developers stepping foot into the web development industry.
- Teaching a broad spectrum of foundational topics as well as newer tech in web development, such as – HTML5, CSS, Javascript, JQuery, SQL, MongoDB, Node JS, React JS, Angular, Redux, React Native, UX/UI Design, Data Visualization, etc.

Associate Mechanical Engineer for Duratech Coating Inc. (2016-2017)

- Machine operation, maintenance, repair
- CAD design and tool manufacturing
- Product testing, FE analysis, quality control

Reservoir Engineer for Inova Geophysical Co. (2012-2014)

- Quality assurance for mechanical and electrical systems in manufacturing
- Repair and maintenance of nodal devices for 3D seismic acquisition
- Testing and programming seismic nodal product
- Data mining and analysis

Professional Organizations & Qualifications

UCI full-stack web developer program graduate (2017)

CALBRE certified real estate salesperson License# - 02042419 (Sep. 2017)

CA certified EIT License# - 160407 (Feb. 2017)

American Society of Mechanical Engineers

Society of Petroleum Engineers

United States Geological Survey

Residency Status

Citizen of the U.S. and L.A. resident