SHUAILI "CICI" LI

Data Scientist, Engineer, Analytical Thinker, Lifelong Learner, US Citizen

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EXPERIENCE

Senior Data Scientist/ Engineer
Cruise

📅 Mar 2021 – Present ⚲ San Francisco, CA. USA

- Engineer, evolve, and interpret performance metrics that serve as the compass for engineering progress
- Build and maintain causal inference pipelines and dashboards to enable rapid informed decision making for stakeholders
- Provide statistical guidance and ad-hoc consulting on both simulation and on-road testing results

Senior Data Scientist, Data Scientist
CircleUp

📅 Nov 2018 – Mar 2021 ⚲ San Francisco, CA. USA

- Forged information advantage by building predictive models of companies' propensity for future growth
- Engineered large multi-source, mixed-type, time-series data and extracted business insight from sparse and noisy datasets
- Co-developed python framework for configurable, systematic, and reproducible training and testing of ensemble models

Research Assistant
Exponent Inc.

📅 Jun 2017 – Jun 2018 ⚲ Menlo Park, CA. USA

- Increased performance of data parsing scripts by up to 10X

Graduate Researcher
Massachusetts Institute of Technology

📅 Aug 2014 – Sep 2016 ⚲ Cambridge, MA. USA

- Visualized and modeled experimental laser scattering data

Graduate Consulting Research Fellow
US Food and Drug Administration

📅 Jan 2016–Mar 2016 ⚲ Silver Spring, MD. USA

- Streamlined regulatory science for continuous manufacturing via models in MATLAB as part of MIT team

Graduate Consultant
Emirates Global Aluminium

📅 Oct 2015–Dec 2015 ⚲ Dubal and Emal Plants, UAE

- Managed and led an MIT team in finite element modeling the heat recovery steam generator for optimized operations

EDUCATION

Fellow/ Program Graduate
The Data Incubator

📅 Jun 2018 – Aug 2018

Bootcamp-style program that helps top academic talent transition to data science

M.S. in Chemical Engineering Practice
Massachusetts Institute of Technology

📅 Sep 2014 – Jun 2016

B.S. in Chemical Engineering
California Institute of Technology

📅 Sep 2009 – Jun 2013

Chemical Engineering Tripos
Cambridge University Corpus Christi College

📅 Michaelmas Term, 2012

Caltech Cambridge Scholar

LANGUAGES/ TOOLS

Python: NumPy, SciPy, pandas, sklearn, matplotlib
SQL: BigQuery, dbt   **GCP**   **AWS**
Machine Learning: ensembles, interpretability
Dashboard: Looker, Tableau   **Spark**
Jupyter Notebook   Statistical Analysis
Git/Github   Natural Language Processing

MOST PROUD OF

🏀 **Student Athlete Discipline**
Caltech Women Intercollegiate Tennis (NCAA Div III ITA Scholar Athlete)

📈 **Commitment to Personal Growth**
Self-directed learning via online courses in various fields and topics

🌐 **Global Awareness**
Have traveled independently to over 40 countries and counting