SHUAILI "CICI" LI

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

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EXPERIENCE

Data Scientist
CircleUp

📅 Nov 2018 – Present   📍 San Francisco, CA. USA

- Forge information advantage by building predictive models of companies' propensity for future growth
- Engineer and transform large scale, multi-source, mixed-type, real-world time-series data via distributed systems
- Co-develop python framework for configurable, systematic, and reproducible training and testing of ensemble models
- Extract business insight from large, sparse and noisy datasets

Research Assistant
Exponent Inc.

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

- Increased performance of data parsing scripts by up to 10X and co-developed accessible data QA/QC methods

Graduate Researcher
Massachusetts Institute of Technology

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

- Filtered, visualized, and modeled experimental laser scattering data to study biophysical transport of engineered proteins

Graduate Consulting Research Fellow
US Food and Drug Administration

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

- Streamlined regulatory science for continuous manufacturing via reduced 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

Research Intern
Scanadu Inc.

📅 Feb 2014–May 2014   📍 NASA Ames, CA. USA

- Performed UX QC/testing of biomedical device app
- Aided in verification and validation for FDA 510K application

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

AWS: S3, EC2   **Apache Spark**   **SQL**

Machine Learning   **Visualization**

Tableau   NLP   MATLAB   TensorFlow

Git/ Github   Unix/ Linux   Docker

Jupyter Notebook   **Statistical Analysis**

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