

Ashkan Rohani

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EDUCATION

The University of Chicago - Chicago, IL
Master of Science in **Computer Science** (Software Engineering)

March 2024

Rice University - Houston, TX
Bachelor of Science in **Chemical and Biomolecular Engineering**
Minor in **Biochemistry/Cell Biology**

May 2018

Hong Kong University of Science and Technology - Hong Kong, HK
Biotechnology, Synthetic Biology

Summer 2015

EXPERIENCE

Deloitte Consulting LLC, Consultant (*Biopharma, MedTech, Biotech, Aerospace & Defense*)

August 2018 – August 2022

- Managed and led solution **DevOps** and tech implementation for clinical trial systems, risk analysis, and **master data management** across various leading global pharmaceutical companies (Japan, UK, US, China)
- Provided services including market research, pipeline development, and market competitive landscape analysis for life-science portfolios
- Proposed **master data transformation** strategy and organizational design across major bio-pharma players; solutions included a finalized org / operating model, and technology assessment for automation / MDM transition
- Optimized inventory redistribution and fleetwide supply chain modeling for major jet program using **Python, SQL**, and **SAP**, assisting in annual savings of \$15 million
- Acted as Functional Lead / PM for major clinical trial system design and integration; requirements gathering, implementation, testing, and validation of clinical trial systems with bio-pharma stakeholders
- Mid and Post-merger support for acquisition of Rare Disease bio-pharma company, including strategy for integration, clinical trial optimization, and patient support with budget in excess of \$40B
- Led working sessions and strategy with clinical study teams across therapeutic areas to analyze essential data types, patient experience, value, and data contextualization with Fortune 100 pharma company

MedTech Underground, Consultant

August 2018 – August 2022

- Led various collaborations with medical device startups, including product strategy, go-to-market strategy, and pricing strategy within leading research institutions
- Provided growth strategy, product strategy, and growth optimization for early seed/Series A MedTech startups in the US, Israel, Norway, and Canada (and developed life science pipeline for future series funding)

Baker Hughes, a GE Company, Chemicals Data Intern
August 2017

June 2017 –

- Analyzed pipeline data using **SQL** and **R** and compiled research on effect of chemical inhibitors on corrosion/scaling/bio-contamination of oil/gas pipelines in upstream and downstream systems

RELEVANT PROJECTS

HackHarvard

October 2022

- Designed and submitted working TimeBlock productivity optimization tool using **javascript / react.js / figma**

Morpheus Health (Co-Founder)

December 2019 – January 2021

- ML driven platform for pharmaceutical optimization (funded by **Blackstone, UCSD, and Rice Accelerators**)

University of Texas Medical School Stem Cell Lab, Houston, TX

May 2015 – April 2016

- Performed sequence analysis and data analysis on certain genes following traumatic head or spinal cord injury; Analytics were performed using **Linux/PERL/R** and a user interface written through **PERL**.

SKILLS / AWARDS

- Technical:** Python, HTML, JavaScript, SQL, MATLAB, C, Celonis (Process Mining)
- Frameworks and Libraries:** Django, NumPy, Pandas, react.js, bootstrap
- Tools:** Git
- Awards:** Covestro Excellence in Engineering (Rice University), Deloitte Graduate School Sponsorship – Top Performer