Ashkan Rohani

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EDUCATION

University of Chicago, Chicago, IL   **March 2024**
Master of Science in **Computer Science** (Software Engineering)

Rice University, Houston, TX   **May 2018**
Bachelor of Science in **Chemical and Biomolecular Engineering**
Minor in **Biochemistry/Cell Biology**

Hong Kong University of Science and Technology, Hong Kong, HK   **Summer 2015**
Biotechnology, Synthetic Biology

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)
- 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 (MIT, Harvard Medical School, Wyss Institute)
- 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 Intern   **June 2017 – August 2017**

- Performed data analytics and compiled research on effect of chemical inhibitors on corrosion/scaling/bio-contamination of oil/gas pipelines in upstream and downstream systems

RELEVANT PROJECTS

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.

Hong Kong University of Science & Technology – Bioengineering Lab   **May 2015 – August 2015**

- Developed a Nitrate / Phosphate / Potassium biosensor for the Hong Kong Agricultural sector

MD Anderson Biological Stem Cell Lab, Houston, TX   **January 2015 – August 2015**

- Performed analysis on stem cell data using MATLAB GUI's and Python related interfaces.

SKILLS / AWARDS

- **Computer**: Python, SQL, MATLAB, C, Excel, Celonis (Process Mining)
- **Covestro Excellence in Engineering** (Rice University)
- **Deloitte Graduate School Sponsorship – Top Performer**