



Saudi Silicon Valley

SaudiSiliconValley.com

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Our Mission

“To provide silicon valley-class innovation and support to Saudi organizations”



What we do

We help organizations raise the bar in technical standards

- **Produce Technical RFPs**
Translate business objectives into unbiased, ROI-driven, value-adding technical RFPs.
- **Evaluate Technical Proposals**
Assess proposals against technology trends and real-world, state-of-the-art solutions.
- **Resourcing**
Identify gaps in technical leadership roles and help attract the best talent.

Core Competencies

Big Data & Analytics

Design and implementation of peta-scale, high-velocity data processing systems (such as Hadoop and Spark) with emphasis on real-time stream processing solutions.

Artificial Intelligence

Real-world applications of Data Science and Machine Learning in different domains, including computer vision, natural language processing, and pattern matching.

Distributed Systems

Design and implementation of fault-tolerant, self-healing, elastic/scalable computing and storage architectures for mission-critical applications.

Benchmarks, ROI, and Ecosystems

Rollout of implementation plans, guidelines on pricing and pilot agreements, experience in tech-driven entrepreneurship and advisory on investment opportunities in the space.



Challenges

#1 RFP PRODUCTION

Organizations are limited by their technical capacity in translating business objectives into technical requirements.

Consulting with solution providers pre-RFP will bias the criteria and ROI metrics.



Challenges

#2 PROPOSAL EVALUATION

Accurate evaluation of technical proposals requires knowledge in state-of-the-art. Non-experts will miss opportunities to take advantage of emerging technologies (e.g. AI, Serverless) or approve unsustainable technical roadmaps.



Team at the Heart of Global Tech Innovation

Companies



Education



Team



Abdulrahman Alfozan

MIT, BSc 2016



Facebook - Senior Systems Engineer

Abdulrahman is a member of Facebook's data infra engineering team working on developing distributed computing systems that power a wide range of machine learning applications and data analytics pipelines.

Abdulrahman collaborates with scientists and engineers from diverse teams on designing and building data pipelines from conception to large-scale production.

***Specialties:** applied machine learning, data analytics and engineering, and IoT systems.*



Abdulaziz Alghunaim

MIT, BSc 2015, MEng 2015



Palantir - Software Engineer

Abdulaziz is an expert in using data to transform large-scale operations in Finance, Aviation and Oil & Gas. He is the founder of a non-profit tech startup (Tarjimly) providing translation to refugees. Prior to Palantir, he earned his Masters from MIT in Machine Learning for Language Understanding.

***Specialties:** consumer behavior & analytics, time series analysis, data transformation software products.*

Team



Omar Alrubaiyan

Carnegie Mellon University, MSc 2011

Carnegie Mellon



Apple - Senior Software Engineer

Omar works on building the next generation data privacy platform for the AI/ML organization at Apple. Prior to joining Apple, Omar spent nearly a decade at Cloudera working on open source technologies in both engineering and client-facing roles where he helped guide companies in a variety of industries in handling large scale data processing workloads.

***Specialties:** Open Source Data Platforms, Distributed Systems, and Privacy.*



Ammar Alrashed

Carnegie Mellon University, MSc 2012

Carnegie Mellon

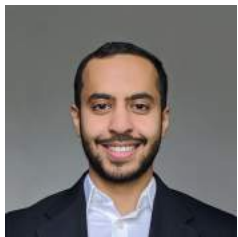


Roche Diagnostics - Principal Software Engineer

Ammar has extensive experience with end-to-end ETL pipelines and distributed systems. Ammar worked as a tech lead for genomic analysis software at Roche. Prior to his work at Roche, Ammar led projects within Informatica and AI-Elm that spanned large-scale search, pattern matching and high-performance DSLs.

***Specialties:** AWS, Programming languages, SolrCloud, ETL pipelines, Agile practices, and computational biology.*

Team



Omar Alhadlaq

Stanford University, MSc 2019



Google - Machine Learning Engineer

Omar works on developing next-generation machine learning models for billions of Google users. Within Google, he worked on projects in natural language understanding, recommendation systems, and large-scale data processing. Prior to that, Omar worked at Amazon, and earned his Masters in computer science and AI from Stanford University.

Specialties: *natural language processing, machine learning systems, and large-scale data processing.*



Saud Alsaif

Stanford University, EE Msc 2018



AutoX - Prediction Engineer

Saud develops algorithms that enable self-driving cars to predict road participants' actions and make safe driving decisions in real-time. Prior to that, he developed matching algorithms for Tarjimly that match translators to aid workers in less than 2 minutes.

Specialties: *ML algorithms development and deployment, Robotics, data analysis, predictive analytics.*

Team



Faisal Nawab

UC Santa Barbara, PhD 2017



UC Santa Cruz - Assistant Professor

Faisal works on building data management infrastructures to accelerate data science and Big Data applications in the domain of the cloud, learning, and the Internet of Things. Prior to academia, he worked with leading industrial research labs such as Hewlett-Packard Labs and Microsoft Research.

***Specialties:** Big Data systems, global-scale data management, edge and mobile data systems.*



Abdulmajeed Alibrahim

Carnegie Mellon University, MSc 2014



Amazon - Software Development Engineer

Abdulmajeed designs and develops highly scalable and distributed systems for Amazon, which support more than 1 billion transactions per day. He architects solutions using Amazon Web Services (AWS) to support customer-facing applications WorldWide.

***Specialties:** AWS, distributed systems, search engine, scalable systems.*

Team



Feras Aldahlawi

University of Chicago MS'15 | Google



Google - Software Engineer

Feras is an engineer in the Security Infrastructure team at Google. Feras works on developing state-of-the-art trusted and secure embedded systems. Further, his work helps provide privacy in such systems and detect malicious data tampering. Previously, Feras worked at Microsoft on OneDrive for Business where he enhanced its collaboration features while maintaining security and privacy.

***Specialties:** Secure Systems, System Infrastructure, Embedded Systems, and Security & Privacy*



Contact us

For any questions or inquiries about our services or expertise, please email us

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