

STEVE GOMEZ

sg125@rice.edu, sgomezrobot@gmail.com

PURPOSE: To connect and lead teams on a mission to help people. VALUES: Family, Learning, Strength-based

Executive leader with a passion for transforming lives through in-depth experience in strategic planning, organizational transformation, governance, business administration, coaching, knowledge management, learning and development, project and financial management, digital technology development. Community leader with over 20 years of corporate and non-profit experience. Teacher of STEM in K-12 schools, universities, and non-profits. Member of Board of Directors for Collaborative for Children.

PROFESSIONAL with MULTI-DOMAIN EXPERIENCE

Rice University, Houston, TX

2021 to Present

University which is top tier in research, service, and teaching.

Professor in the Practice

Responsible for teaching Engineering Management and Leadership in Schools of Engineering and Sciences.

- Academic Chair for MEML program and students, ASEM Student Group Faculty Sponsor, BRIDGE Center researcher.

Gradual Robotics, LLC, Houston, TX

2020 to Present

Startup company on a mission to empower K-5 teachers' and students' lives through state-of-the-art robot educational technology.

Founder

Responsible for business strategy, product design, digital architecture, information technology and IP protection.

- Developed a strategic business plan to gain additional seed funding for robot project-based learning in 60 second chunks.

BakerRipley, Houston, TX

2021 to 2024

Largest nonprofit in Texas helping underserved communities learn, earn, belong, and be well.

Executive – Chief of Special Projects

Internal consultant executive responsible for digital transformation strategy of a 100-year-old nonprofit.

- Developed strategy for digitizing workflows and migrations to cloud based human services with M365 and Salesforce.

Schlumberger Technology Corporation (SLB), Houston, TX

1996 to 2020

Oil & Gas technology company providing digital products and services to private and national government energy companies.

Group Manager, Knowledge and Information Systems for Production Group

2013 to 2020

Responsible for knowledge management of technical information residing in people, processes, and technology documents.

- Impacted 5 Houston and 7 international centers. Recruited 200 engineers and led 600 employees. Re-use of knowledge accelerated product development by 50%. Real-time expert knowledge support to clients grew revenue by 15%.

Function Manager, Quality and Common Enterprise Technology Department

2010 - 2013

Led continuous process improvement and re-usable technology designs in alignment with all product and functional lines.

- Managed 50 employees and influentially led 300 employees in saving the company millions of dollars via Lean Six Sigma.
- Implemented Digital Dashboards to track key Quality metrics and develop a shared vision. Leader of Model Based Design.

Program Manager, Exploration Wireline Robot Device for Downhole Horizontal Payload Delivery

2007 - 2010

Managed multiple project teams developing downhole AC/DC power and robot locomotion modules.

- Product developed from concept to working prototype (TRL 1 to 7). Team members grew to become company leaders.

Non-Profit Educational Technology Manager, Bridging the Digital Divide for Developing Countries

2005 - 2007

Spearheaded effort to bridge the digital divide in 200 K-12 schools in 60 countries where Schlumberger employees worked.

- Supported internet connected schools via a STEM website, Ask an Expert homework help line, science in a solar backpack, robot sets, and global best K-12 STEM academic books library. Collaborated with MIT to pilot the One Laptop per Child.

Project Manager, Drilling Automation Device for Communication and Power Generation

2000 - 2005

Managed Houston and Paris based research and development team of 25 employees to design and commercialize the product.

- Device generated 100 million dollars revenue. Over the next 15 years, team members grew to become company leaders.

Engineer, Leader, Mechanical and Electrical System

1996 – 2000

Applied engineering systems expertise to help develop an innovative miniature directional drilling device.

- Device generated over 1 billion dollars in revenue and launched my career at Schlumberger.

ACADEMIC EXPERT

EdD – University of Pennsylvania, Graduate School of Education, Focus: The Expert Leader

expected May '26

MS – Stanford University, Mechanical Engineering, Focus: Robot Design and Digital Controls

1996

BS – Massachusetts Institute of Technology, Mechanical Engineering, Minor: Psychology

1994

LEADER, VOLUNTEER AND PROFESSIONAL MEMBER

Boards – Collaborative for Children (Programs Chair), The Health Museum of Houston Board, HISD Gifted & Talented, HISD 21st Century Vision, Advisory Boards, Harris County Education Foundation Advisory Board

Volunteer – Project Row Houses Science Teacher, HISD Science Teacher, C-STEM Robot Teacher, West-U Science Night Chair,

University of Houston Industry TA, University of Texas Industry TA, Rice Industry TA for Capstone, BakerRipley FabLab

Member – Society for Organizational Learning, American Society (AS) of Engineering Education, AS Engineering Management

HOBBYIST

John Biggers Amateur Historian, Sea Turtle Conservation, 80's Music, Art and Geometry, Robot builder, Astronaut Applicant,

Cubist, PowerPoint, Word, Excel, PowerBI analytics, Python, RaspberryPi, Arduino, 3D printing, OpenSCAD, Instructional Design

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