My Story

Graduated with a Mechanical Engineering degree, focus in Aerospace

Taught Standardized Test preparation for adults & high school students

Began engineering career at Motorola with a focus in cell phones, moved to base stations

Transitioned to Jabil EMS and progressed to VP of Engineering
CHANGE IS ACCELERATING

COMPETITION IS INCREASING

BUSINESS IS DIGITIZING
JABIL’S

Innovation **Acceleration**

Engineering **Excellence**

Manufacturing **Agility**

Supply Chain **Orchestration**

HELP CUSTOMERS CAPITALIZE ON THIS CHANGING REALITY
Connectivity: Empowering V2X Communication

Automotive grade manufacturing, design, and testing of complex communication, data and location hardware. Enabling the industry to deliver future generations of fully connected vehicles.
- Control Lighting
- Adjust Climate
- Monitor Your Home
- Control Switches & Outlets
- Control Shades & Blinds
- Unlock & Lock Doors
- Open & Close Garage Doors
- Detect Smoke
The New Face of the Engineer:

- Ethical and principled
- Creative
- Grounded in a human-centered approach
- Focused on innovation and discovery
- Interdisciplinary
- Dynamic, resilient, agile, flexible
- Life long learner

Why Do Our Engineers Need to Evolve?

- The pace of technological innovation will continue to be rapid and is accelerating.
- The world in which technology will be deployed is intensely globally interconnected.
- The population of individuals who are involved with or affected by technology (e.g., designers, manufacturers, distributors, users) is increasingly diverse and multidisciplinary.

- Social, cultural, political, and economic forces will continue to affect the success of technological innovation.
- The presence of technology in our everyday lives will be seamless, transparent, and more significant than ever.
Recommendations for Students

The New Face of the Engineer:

Leadership Presence & Intuition

- Open to change
- Problem solve with end goal in mind
- Work with ambiguity
- Fail fast
- Encourage testing
- Results focused
- Scenario training
- Anticipate future challenges & devise possible solutions
- Create comfort with agility
- Be decisive, communicate factors, outcome

Emotional & Social Intelligence

- Ethical and principled
- Creative
- Grounded in a human-centered approach
- Focused on innovation and discovery
- Interdisciplinary
- Dynamic, resilient, agile, flexible
- Life long learner

Collaboration & Communication

- Leadership Presence & Intuition
- Emotional & Social Intelligence
- Collaboration & Communication
Jabil Sites Connect with Local Robotics Teams

- Three sites work with local high school robotics teams
- Mentor teams & provide feedback on the team robots.
- Sponsored the high school robotics club since 1992

Jabil Inspires Next-Generation Manufacturers

- Manufacturing day 2017 at sites around the world
  - Uzhgorod had 100 university students tour the facility and learn from employees
  - Guadalajara had a panel of women in manufacturing who spoke with 30 female students from local universities
  - Vietnam hosted economics students to show them the importance of business with manufacturing
  - Multiple sites in Asia invited youth to the facility to tour and see manufacturing in action

Johns Hopkins All-Children’s Hospital

- Tech Tuesday - Once a month (now once a quarter due to scheduling), Jabil employees introduce STEM concepts to children in a fun, interactive way
  - Connect real life examples and hands-on activities to educate the children about 3D printing, circuit boards, assembly lines, etc.
Pinellas Education Foundation Classroom Grants

- Classroom Grant Program - funds STEM-based programs at Title 1 schools in St. Petersburg
- In 2016, donations impacted 1,697 students
  - 413 showed an increased interest in STEM education, 147 improved their grades in STEM subject areas and 54 were interested in pursuing a STEM career.
  - Projects varied in scope from student scientists tracking PH levels in fish tanks, to learning how to build simple electronics circuits using conductive materials and LEDs, and learning about water properties through the use of an augmented reality sandbox.

Regional

- In Baja we have a specific program for fresh college graduates, called "Talent Bench" or Professionals in Development
- Working with a mentor during a 6 to 12-month period, and fill entry-level salaried positions or high level tech roles.
- Currently, we have about 30 participants in areas such as Engineering, Quality, Supply Chain and HR
THANK YOU!