Essential Skills
Industries Seek
For a Productive Workforce

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My Career

• Education – Applied Math
  – BA, UCSD
  – MS, SDSU (Advisor: Kris Stewart)
  – PhD, UCLA (Emphasis: Numerical Analysis)

• Work Experience – Signal & Image Processing
  – General Dynamics (4 yrs)
  – Lockheed-Martin (5 yrs)
  – Vista Research (4 yrs)
  – SAIC (3 yrs)
My Job Environment

• SAIC’s Sensor Technology Division
  – 40% PhD’s
  – 80% Advanced Degrees
  – Degrees: EE, Physics, Math, Chem, Bio

• Desired Skills
  – Scientific Programming
  – Signal/Image Processing
  – Statistics
Essential Skills for Industry

- **Teamwork**
  - Followership, Leadership, Collaboration

- **Verbal Skills**
  - Presentations, Customer/Client Interaction

- **Writing Skills**
  - Whitepapers, Proposals, Performance Reviews

- **Flexibility**
  - Adapt to change: customer requirements, new projects, new people, willingness to learn

- **Professionalism**