



# Man and Machine: Comments by Gad Levanon

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# The impact of technology on employment

- Productivity growth now and in the future
- Lump of labor fallacy
  - ✓ Short versus long run
  - ✓ Winners and losers
- Share of labor in the economy
- Changes in the demand for skills
- Wage growth
  - ✓ By skill
  - ✓ Wage inequality
- **Skill shortage**



# Skill shortages in the U.S. workforce

- Is skill shortage a big problem now? Probably not
  - ✓ Unemployment rate
  - ✓ Hours worked
  - ✓ Wages
  - ✓ NFIB survey
- Next 5-10 years? The main determinants of a skill shortage for a specific occupation:
  - ✓ Growth rate in the demand for employees
  - ✓ Speed of change in skills required
  - ✓ The impact of baby-boomers retiring
  - ✓ How many qualified new entrants to the labor force
  - ✓ The impact of immigration
  - ✓ The ability to offshore jobs
  - ✓ Training

