Career Options

A Brief Intermission
Options for Post Grad

- Industry
- Graduate School
- Other?
Industry

- Career Fair, next week
- Many companies coming to MSU (both the Engineering and Business fairs)
  - Many are targeting CSE/CPE
  - Paid internships and full-time positions
- Different domains
  - How do you present yourself?
  - What do you want to know about them?
Resume

- Value of 1-page resume

- Essential information?
  - Major, GPA, cognate, objective, graduation date
  - Work experience (industrial and academic – research opportunities; include paid and unpaid)

- Standout details?
  - Awards, fellowships
  - Project-oriented courses (industrial involvement?)
    - Give brief descriptions if experience was noteworthy
  - Research experiences (briefly describe)
  - Special skills (e.g., platforms, languages, tools, etc.)

- Things to omit?
Questions to Ask

● Work environment?
  ▪ Team versus individual
  ▪ Development processes used?
  ▪ Technology used? (tools, languages, platforms, etc.)
  ▪ Interaction with customers?

● Application domain? (e.g., finance, enterprise, embedded systems, automotive, defense, etc.)

● Typical SW development tasks? (e.g., reqts engineering, design, coding, testing, maintenance, etc.)

● Duration of SW projects? (e.g., 6 mos, 1 year, 2 years, 5 yrs, etc.)

● Others?
Class Assignment

- Meet with at least 3 companies.
- Obtain answers for the previous list of questions
- Summarize your impression:
  - Would you work for them? Why or why not?
  - Do you think that you will hear back from them? Why or why not?
Graduate School

- Post Grad options:
  - MS
  - PhD
  - MBA
  - Other?

- Motivations for graduate school:
  - Job options and opportunities
  - Research/teaching