Career Options
A Brief Intermission

Options for Post Grad

- Industry
- Graduate School
- Other?
Industry

• Career Fair, Wed. Oct. 6
• 200+ companies coming to MSU
  ▪ 30+ targeting CSE/CPE
  ▪ 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)
• 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

- How much research will you have done for each company?
- 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 during our Wed. class slot next week.
- 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

- Take the GRE even if you are not planning to go to graduate school
- Post Grad options:
  - MS
  - PhD
  - MBA
  - Other?
- Motivations for graduate school:
  - Job options and opportunities
  - Research/teaching