Career Options

A Brief Intermission
Options for Post Grad

- Industry
- Graduate School
- Other?
Industry

• Career Fair, Wed. Oct. 4 (CSE)
  ▪ Have you signed up for Handshake?

• ~300 companies coming to MSU (both the Engineering and Business fairs)
  ▪ 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; 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

- 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.
• 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