Career Options

A Brief Intermission
Options for Post Grad

- Industry
- Graduate School
- Other?
Industry

- Career Fair, Mon. Sept. 24 (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