Outline

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Internship Overview

* My Role
  * Software Development Engineer (SDE) Intern
* My Team
  * Microsoft -> Online Services -> Bing Search -> Bing Geospatial Platform team
* Goal of the Team
  * Adding rich geospatial capabilities to Bing
* My Task
  * Measuring data quality of the rich geospatial graph
Important Experience

* Effective ways to maintain efficient work
  * Daily scrum at 10am (usually work until 5:30pm)
  * Monthly Sprint entry and exit meetings
  * Coffee breaks occasionally

* Collaboration/Communication skills VS. Technical skills
  * Emails, instant messages, meetings, walk-in

* Industry VS. Academia
  * Interested in similar problems/projects
  * Academia: focuses more on novelty (key challenges)
  * Industry: focuses more on feasibility (complex problem settings)

Graduate studies quite useful: critical thinking/analysis/writing
My way to the internship

* Jan 2011: Resume submission via Careers@Microsoft
* Feb 2011: Phone interview
* Mar 2011: Onsite interview @ Business Solution Division
* May 2011: Internship @ MBS
  * Return offer to the same team
* Nov 2011: Onsite interview Event @ Online Services Division
  * 16 candidates, around half got offer
* June 2012: Internship @ OSD
Some Useful Resources for Interview Preparation

* Books
  * Cracking the Coding Interview by Gayle Laakmann McDowell (2011)
  * Algorithms For Interviews by Adnan Aziz and Amit Prakash (2010)
  * Programming Pearls by Jon Louis Bentley (1999)

* Websites
  * http://www.leetcode.com/
More about the intern program @ Microsoft

- Intern Roles: SDE, PM, SDET
  - Commitments -> checkpoint review -> final review
  - 1 Manager and 1 Mentor
  - Return offer at the end of internship
- Various Activities
  - Intern signature event: secret gift, e.g. xbox, ultrabook
  - Talks by Technical Fellows, Division Heads, CEO
  - Puzzle day, day of caring, hiking trips, women’s night...

Campus Visit/Recruiting @ Emory on Oct 1, 2012
Thank you!

Any questions?
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Microsoft Intern Signature Event 2012