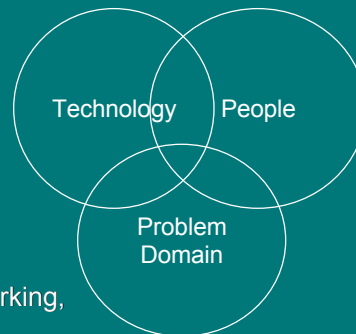


Indiana University School of Informatics

Summer Camp Overview

IU School of Informatics

- 2 degree programs
- Computer Science BS
 - Focus on fundamental concepts of computing
 - Programming languages, networking, high performance computing, ...
- Informatics BS
 - Focus on computing applied to different problem domains
 - Business, sciences, fine arts, ...



Summer Camp

- Started in 2004 with 10 students
- Now around 40 students
- Week-long, residential experience
 - Starts Sunday afternoon, ends Thursday
- Audience:
 - Underrepresented students in IT
 - Aim for 50/50 split, based on gender and ethnicity
- Fee - \$300, but scholarships available

Activities

- Web Design
- Computer art
- Pervasive computing
- Programming
- Visualization
- Animation
- Social implications
- Security
- Module design:
 - Short lecture - 30 minutes
 - Short lecture, followed by hands on experience - 120 minutes
- Guided by faculty, assisted by counselors
- Fun stuff:
 - Bowling, swimming, movies, internet, Wii

Counselors

- 2 graduate students for daytime guidance
- 4 overnight counselors
 - + cost of security and nurse
- ~4 counselors in training (returning campers)
 - Paid to lead a camp session
- Partnerships
 - other camps to split costs of security and nurse
 - other units for camp experiences
 - other units for recruitment

Recruiting

- Direct calls to schools
 - Principals, counselors, teachers
- Word of mouth
 - Campers, students
- Press releases

Costs and Funding (approximate)

- \$7000 counselors
- \$7000 room and board
- \$1000 incidentals (snacks, pizza, shirts)
- \$1000 other things

- Funding:
 - Internal school commitment - 10k
 - Donations - 7k
 - Matching funds - 1k
 - Camp fees - 3k

Outcomes

- Recruitment
 - 3-4 students per year come to IU and study Informatics or CS (2 girls)
- Diversity
 - Repeat campers (girls and boys)

What Works at Camp

- Relax
- Partner with other programs for logistical support
- Schedule free time, or have a philosophy that encourages exploration of interests
- Try not to lose anybody
- Be firm and respectful, and help the kids learn how to act appropriately
- Cell phones off during lectures/activities
 - Have an activity that leads them to discuss appropriate use of technology
- Focus on an overall good experience
- Have excellent counselors from your own programs
 - pay them well (competing with internships, etc.)

What Works

- A network of activities
 - Awareness programs
 - Just-Be (IU Women in Computing group)
 - Summer camp demonstrations and labs
 - ~250 per year
 - Summer camp
 - Bridging programs
 - IU Groups Program (underrepresented)