K-12 OUTREACH AND DIVERSITY IN CS

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K-12 OUTREACH COORDINATOR

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OUTREACH UPDATES
PURDUE K-12 OUTREACH FOR COMPUTER SCIENCE

- CS Summer Camp
- CS180x (Online AP CS A)
- MAGIC
Online AP Computer Science A

Four six-week modules, covers all AP topics

4893 students, (27.7% female), 125 countries (57% US)

Students are able to take AP exam upon completion, and will receive high school credit in some cases.

Two-year outcomes:
• ~17,000 students
• 60% had no formal CS
• Average AP exam score: 4.09
• 83% passing rate on AP exam

https://www.edx.org/course?search_query=cs180
MAGIC MENTORING
PURDUE K-12 OUTREACH FOR COMPUTER SCIENCE

• Visiting 3 high schools, 3 middle schools in Lafayette-area
• 25 college undergraduate mentors
• Weekly visits teaching computer science and exploring technology career paths
• On-campus events
• Annual field trip
  • Luther Consulting 2015
  • Salesforce 2016
  • Syndicate Sales 2017
  • ??? 2019
• Lillian Evans, M.Ed.

• Master’s in Higher Education Administration and Student Personnel from Kent State University

• Early Childhood Education from University of Mount Union

• Emerging Leader Scholars and BoilerMentor Program
Peer2Peer 2.0

Mentor Training
- Semester
- Class session

Participants
- Freshmen and Sophomores
- Monthly Activities
CONFERENCES

DIVERSITY INITIATIVES

• Tapia
  • September 19th-21st; Orlando, FL
  • 4 Students
    • 1 Graduate Student
    • 1 Senior
    • 1 Sophomore
    • 1 Freshmen

• Grace Hopper
  • September 26th-28th; Houston, TX
  • 25 Computer Science Women
    • 10 Graduate Students
    • 5 Seniors
    • 3 Juniors
    • 3 Sophomores
    • 3 Freshmen

THANK YOU!!

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PURDUE UNIVERSITY
PROFESSIONAL DEVELOPMENT WORKSHOPS

DIVERSITY INITIATIVES

• Etiquette Dinner
  • Proper interview etiquette
  • Professional dress
  • Conversation do’s and don’ts
• Offer Evaluation and Negotiation
  • Understanding how to evaluate an offer
  • Understanding negotiations
  • How to consider all values
• Networking 101
  • Learn keys to networking
  • Define individuals own style
  • Understanding the purpose of networking

Dining Etiquette 101
The holiday season is around the corner, so let’s start new traditions by following old traditions. Here are some basic rules of etiquette at a formal table setting:

- Salt and pepper: They should be placed together, even when only one is required. Each season should be present before eating.
- Dinnerware (glasses): Glasses are to be filled to four- or six-fifths of their capacity. Drink from the glass, not the stem.
- Place cards: Never switch or change seating assignments unless specifically planned by host.
- Dessert spoon and fork: When dessert is served with both fork and spoon, the fork is to be pushed and the spoon is used for eating.
- Knife: The rule is to keep the blade in line with the plate. If a knife has been used and it should not be placed on the plate, then it should be placed on the table again.

Purdue University
TOWN HALL MEETINGS

DIVERSITY INITIATIVES

- Climate Meetings
  - All students welcomed
  - October and November
  - Food
  - Hotseat
- Brave Space
- Name
QUESTIONS?
PURDUE K-12 OUTREACH FOR COMPUTER SCIENCE