



K-12 OUTREACH COMPUTER SCIENCE

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K-12 OUTREACH COORDINATOR

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OUTREACH UPDATES

PURDUE K-12 OUTREACH FOR COMPUTER SCIENCE



- CS Summer Camp 2016
- AP TIP-IN
- MAGIC
- ROCS
- ECEP
- CSTA

CSTA TEACHER WORKSHOP

PURDUE K-12 OUTREACH FOR COMPUTER SCIENCE

- 13 teachers from across Indiana and Chicago-area
- Three-days focused on community-building and new AP CS Principles course
- Discussed abstraction, sorting and searching algorithms, security, and pedagogy for CS
- Hands-on experience with Git, Python, Raspberry Pi, Oculus Rift
- Classroom set of Raspberry Pis available for teachers to use



State Farm



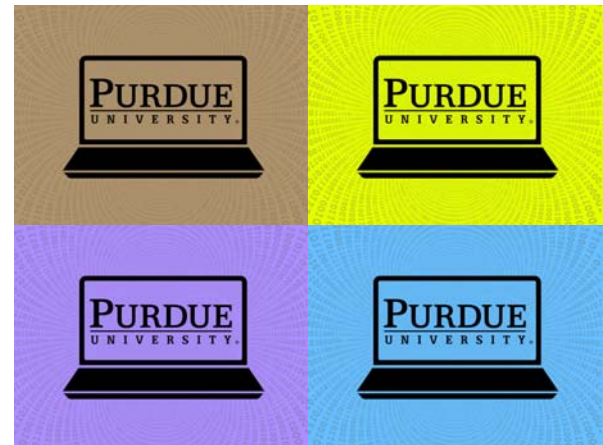
INDIANA HOOSIER HEARTLAND

ONLINE CS 180 FOR HIGH SCHOOLERS

PURDUE K-12 OUTREACH FOR COMPUTER SCIENCE

- Online AP Computer Science A
- Four six-week modules, covers all AP topics
- 4220 students, (25.2% female), 151 countries
- Students are able to take AP exam upon completion, and will receive high school credit in some cases.
- Taught by Phil Sands, supported by undergraduate teaching assistants

<https://www.edx.org/course/ap-computer-science-java-programming-purdue-cs180-1x>



QUESTIONS?

PURDUE K-12 OUTREACH FOR COMPUTER SCIENCE



PURDUE
UNIVERSITY