Buzz & Events [1]

Buzz

Senior Design Spotlight:

ChemSense
ChemSense is a portable system for detecting hazardous airborne chemicals. The project integrated a tunable, mid-infrared laser spectrometer in a portable low power package. The device replaces hundreds of pounds of laboratory equipment normally used in absorption spectroscopy with a single, hand-held unit. The team designed and integrated the laser driver and photodetector post amplifier circuits on a printed circuit board, to enable miniaturization of the system. For increased flexibility the device incorporates Bluetooth low energy connectivity and a dedicated Android application. Read more [2] about ChemSense in the article featured in the Smithsonian Magazine.

Dun & Bradstreet Press Release [3]:
Dun & Bradstreet Partners With UT Austin to Further Education in Data Science Field

AT&T U-verse Labs
"The AT&T U-verse Labs partnered with 5 UT Electrical and Computer Engineering students through a senior design project which resulted in a 50% testing time reduction in spite of the 50% increase in tests which reduces the verification cycle and allowing a faster time to market.” ~ AT&T/The University of Texas at Austin Partnership 2014-15

Events

Industry, student and faculty efforts culminate at the end of each course at the Senior Design Open House, a showcase and demos of prototypes and processes. The Open House Event takes place in late-November and late-April every year.

Upcoming Showcase:
Spring 2016 Senior Design Open House
Wednesday, April 27, 2016
1 PM - 4 PM
Contact Jennifer Campbell [4] to request an invitation.

Spring 2016 Industry Collaborators:
Boeing Company
Dell
Dun & Bradstreet
National Instruments
Pedernales Electrical Cooperative
Tenaris
Texas Instruments

Archives and Photo Galleries:
Fall 2015
Learn more about industry collaboration opportunities with the Texas ECE senior design program.