

The iSchool at Drexel Congratulates this Year's Senior Design Challenge Winners

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Innovation, creativity, a lot of hard work, and a touch of competitive spirit can bring iSchool students to one day -- the iSchool Senior Design Challenge. The iSchool Senior Design Challenge is an annual competition for outstanding iSchool senior project development groups, which showcases the integration and application of their undergraduate degree program into the final capstone sequence. Most IT and SE projects are team efforts, and so development of skills needed to work successfully on a team is essential for iSchool students.

Senior Design Challenge Winners Team Science

(L to R: Joseph Jenkins, iSchool Dean David Fenske, Robert O'Berry and Nai Xie)

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This years winners are:

1st Place: Group: Science

Project: Academy@200

Team=20 Members: Joseph Jenkins, Robert Berry and Nai Xie

Abstract: Academy@200 is an iOS app created for The Academy at 200: The Nature of Discovery, an exhibit at The Academy of Natural Science in celebration of its 200th Bicentennial. Academy@200 uses image recognition to bring modern technology into the oldest natural science institute in the Americas.

People's Choice Award Winner and 2nd Place: Group: Bright Aqua

Project: Where's My Book

Team Members: Lauren George, Peter Kalis and Jim Martin

Abstract: Where's My Book is a digital shelving system that enables library patrons to locate lost books within Drexel University's Library. This system scans the library when a patron is looking for a book that is not in its proper location and returns current location information to the system user.

3rd Place: Group Name: Summer Seniors

Project: Drexel University eXchange

Team=20 Members: Chloe Liu, Katarzyna Pieklo and Egert Vero

Abstract: The Drexel University eXchange system is a web-based application that enables

Drexel University students to sell, purchase, and exchange textbooks within the Drexel community. Based on the interfaces of popular book sellers such as Amazon and Half.com, it provides Drexel students with a more local version of an online bookstore.

Honorable Mention: Group: Mirage

Project: Social Media Analysis

Team Members: Rob Wallace, Robert Apeldorn and Michael Litwa

Abstract: Social Media Analysis is a suite of tools that allows researchers to analyze social networks in greater detail. It enables microanalysis of data collected from social learning networks by offering more convenient ways of filtering specific categories, and also generates visual representations of collected Twitter data for research purposes.

Honorable Mention: Group Name: Cloud

Project: *iSchool* Inventory Tracking System

Team Members: Kerel Campbell, William Hickey, Peter Nguyen, David Nguyen, Nebiyou Weldemeskel and Brendan Ennis

Abstract: The iCommons staff seeks a mobile way to manage their inventory. Currently, the iCommons uses computer software called Loading Dock as its inventory managing system and Loan Shark for loaning laptops. They are in the process of transitioning from using RFID tags to barcodes. As a result, the *iSchool* Inventory Tracking System will combine these two applications into a mobile alternative centered around barcode scanning. iITS will allow the iCommons staff to use the functions of Loading Dock and Loan Shark locally and remotely.

Honorable Mention: Group Name: 3J1M-H

Project: *iSchool* Locator

Team Members: Joe Dickinson, Matt McPherson, Holden Nardini, Joe Palisano and Joe Rosenwald

Abstract: The *iSchool* Locator provides users a resource to locate *iSchool* faculty and staff traveling across the world. Mapping services will pinpoint locations and event or trip details. Users will be able to gather further information regarding historical data of faculty/staff trips that are logged via the *iSchool* Locator.