



CAPSTONE DESIGN EXPO

Georgia Institute of Technology

Date 4/25/2013 178

Pay to the Order of Follow-Me-Heli

\$ 1000.00 Dollars

One thousand dollars and 00/100

Bank of Burdell

For Best ECE Project George P. Burdell

061009998: 001236789876 11788

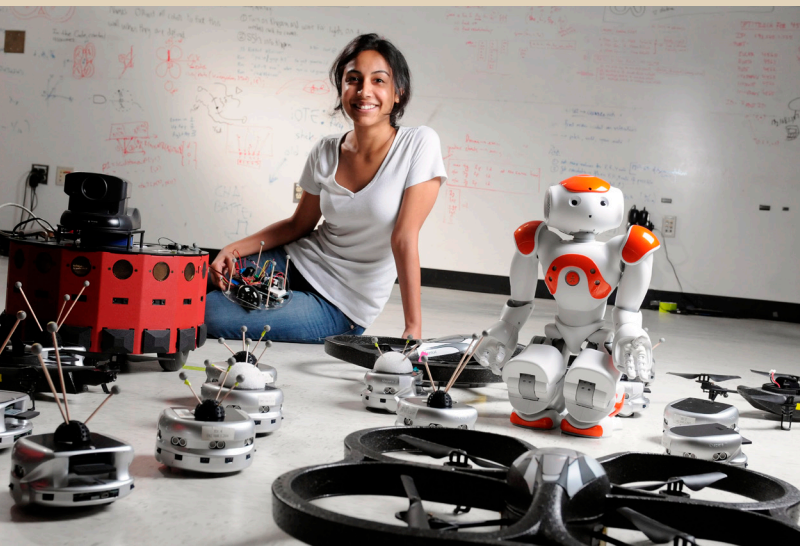
ECE Senior Design and Capstone Design Expo

ECE SENIOR DESIGN

Our two semester ECE Senior Design course sequence satisfies the major design requirement for EE and CmpE majors and provides senior ECE students with the necessary skills to address and solve open-ended design problems.

Working in teams, students will complete a two-semester-long project requiring specification, design, implementation, and testing. Projects must be based on the knowledge and skills acquired in earlier course work, and incorporate appropriate engineering standards and multiple realistic constraints. For teams including CmpE majors, the project must incorporate both hardware and software design elements and trade-offs.

Many of the projects are multi-disciplinary efforts bringing together unique combinations of students with complimentary technical skills from different engineering disciplines. These technically rich joint projects offer students the opportunity to gain cross training in other disciplines ranging from biomedical, mechanical, industrial, and chemical engineering to industrial design and beyond. Emphasis is placed on the design process, the technical aspects of the design, and on reducing the proposed design to practice.



CAPSTONE DESIGN EXPO

The Capstone Design Expo is a showcase of Georgia Tech's graduating seniors and has become one of the largest student design expos in the United States. It is an opportunity for student teams to present their innovative ideas designed and built during the Senior Design course sequence to solve real-world problems.

The Expo is a showcase of Georgia Tech's graduating seniors as they present their innovations designed and built during the ECE Senior Design course sequence. Student teams work to solve an industry sponsored challenge or develop innovative tools to assist researchers for conducting cutting edge research or work on their own dream project leading to creating a start-up company. At the Expo, the teams display and pitch their projects and inventions to a panel of judges, invited guests, media, student peers, and the general public, while competing for cash prizes.

Past Expos have witnessed projects that yielded significant results for our industry sponsors, saving significant dollars in research and development costs. The networking experience for students gives them the opportunity to make a lasting first impression on potential employers, while others have even walked away with an invitation to come and visit a potential employment opportunity with project sponsors and Expo attendees.

ECE SENIOR DESIGN & CAPSTONE DESIGN EXPO

Giving Opportunities

ECE SENIOR DESIGN

For permanent endowment:

- Named Senior Design Team.....*from \$125,000*
- Named Undergraduate Student Scholarship.....*from \$25,000*
- General Program Support.....*from \$25,000*

For current operations:

- Senior Design Team, corporate sponsorship..... *from \$8,000*

Sponsor Benefits:

- Company logo displayed on website
- Student recruiting and mentoring opportunities
- Potential solution to your challenge — designed, built, and tested over 2 semesters

CAPSTONE DESIGN EXPO

For permanent endowment:

- General Program Support.....*from \$25,000*

For current operations:

- General Program Support, annual corporate sponsorship..... *from \$8,000*

Sponsor Benefits:

- Company logo displayed at McCamish Pavilion for Expo
- Company logo displayed on Georgia Tech Capstone Design Expo website
- Student recruiting opportunities
- Participation as official judge at Expo



Contacts:

Etta J. Pittman
Director of Corporate Development
404-894-6888
etta.pittman@ece.gatech.edu

Van Leer Building
777 Atlantic Drive NW
Atlanta, GA 30332-0250
www.ece.gatech.edu