

MAD holds second iOS development seminar

Sijia Wu

LAYOUT EDITOR

The second iOS application development seminar, held by MAD (Mobile App Development), brought a good turnout on Friday, April 18.

It was led by Professor Michael Saelee from the Computer Science department, and required no previous experience with iOS application development, so anyone interested was welcome to join.

The seminar was held in Stuart Building 108, a lab equipped with fully functioning Macs, so there was no need for students to bring their own laptops. The seminar walked all participants through the creation of a complete messaging applica-

tion.

Using the platform Parse, and the Objective-C language, Professor Saelee showcased the whole process of building a mobile application and explained each step as the participants typed along.

He also answered all the questions come up from the audience and made sure no one was left behind, by checking and fixing errors for the students. Eventually, every participant was able to build their own functional application and push their messages to the cloud. It was a valuable hands-on development experience for everyone who came.

Alex Wall, president of Mobile App Development and a third year Electrical Engineering student at IIT, organized this event and facilitated the entire process

by fixing nonfunctional code written by participants with his excellent troubleshooting skills. "This was our second IOS Seminar, and it was a success. Professor Michael Saelee is an outstanding professor and from what we've heard, the participants couldn't agree more," concluded Alex after the seminar. He also mentioned that next semester the organization is planning on improving the format in which they teach application development technique as well as offering more resources and speakers.

Mobile App Development, a new student organization started in February, 2014 by Alex Wall and a few other enthusiastic coders and designers, has the purpose of preparing and exposing members to the many aspects of mobile application development by providing educational speak-

ers, events and seminars and practicing the knowledge gained through developing programs with real-world applications.

So far the club has had two IOS seminars and a gaming tournament co-held with the Association of Computing Machinery (ACM). The club also has biweekly general body meetings, in which students discuss about current progress in ongoing projects and learn about upcoming events.

Currently, Mobile App Development is selling T-shirts and accepting donations to raise money for necessary equipment and future events, like an iPad for testing, food for events, seminar speakers and much more.

Please contact the club at illinoistechmad@gmail.com for more information.

SGA banquet celebrates successes, looks to future

Kori Bowns

EDITOR-IN-CHIEF

With a new Student Government Association (SGA) Executive Board elected, now is a time for SGA to reflect on its past year and look to its future. Last Friday evening in the Hermann Hall Expo, SGA hosted their yearly banquet, inviting several student leaders and administrators on campus to join them in recognizing the continuing efforts of the organization as they march forward into another academic year.

After a delicious dinner catered

by Sodexo, outgoing SGA President Rani Shah opened with a few remarks, explaining that SGA would like to thank all of the students and staff members who helped make SGA possible. Each outgoing executive board member of SGA then joined Rani on stage in sequence, and congratulated several members of their committees by acknowledging the contributions they made to campus and rewarding them with a certificate. SGA's Office of Campus Life Advisor, Ryan Miller, was also thanked for his assistance to the organization with a bouquet of flowers and roaring round of

applause.

Following dessert, Shah had a few closing remarks regarding her involvement in SGA during her time at IIT. "One of my goals this year was really corny, but I think it was very important," Shah said. "I wanted people to come out of SGA this year with friendships they wouldn't have made otherwise. . . One of the most important things we have coming out of SGA are the memories." She continued, "That's what this organization is about; it's about doing things you're passionate about with your friends and trying to solve a problem

because if you don't try, your chance of success is nothing."

Newly elected SGA President, Akinade Aderle, also had a few closing remarks. He expressed his thanks for the actions of several members of SGA and for others who supported him as he grew within SGA. Aderle finished off the night by sharing how thankful he is to be in a position where he can help students have their voices heard, and he expressed his enthusiasm as he looks forward to the coming academic year with the new SGA Executive Board.

IPRO 338 participates in NECA Challenge

Charles Rivas

TECHNEWS WRITER

Dr. Tomal's IPRO 338 will be competing in ELECTRI International and the National Electrical Contracting Association's (NECA) 5th annual Green Energy Challenge! The challenge asks NECA chapter members to design a retrofit to improve energy efficiency for a Student Union Building. Our building of choice was the famous McCormick Tribune Campus Center located directly under the steel tube.

Constructed in 2003, the MTCC was built in order to accommodate student activities for the Illinois Institute of Technology and Shimer College. The building was designed by famous Dutch architect Rem Koolhaas, who was chosen through a competition held in 1997 through 1998. The Center carries important architectural significance due to its relationship with Mies Van Der Rohe's vision, as it is the first planned addition to Mies' grand design of

the campus.

The Campus Center itself directly connects to one of Mies' buildings called The Commons. Much of Rem Koolhaas' design was influenced by satellite images of the site. Koolhaas noticed paths in the grass that had been made by students, which ended up defining the circulation inside and outside the building. Today, the MTCC has become

central for student activities and as a representation of the university itself.

The next part of our challenge was to conduct an energy audit of the power and lighting systems within the building. The results from the audit were very surprising. We found that the MTCC is anything but energy efficient. Although it is a newer building, it needs some updating. After our

audit, we were able to find the major flaws within the MTCC.

To fix these flaws, we designed an energy retrofit for power and lighting systems. Along with those retrofits, we plan to add in a more efficient sub-metering system and even have plans to use solar energy. With our proposed plan we can save \$75,000 annually in just lighting retrofits alone.

To get a more in-depth look at our IPRO's work, come by our booth during IPRO day - Friday, April 25 2014. Look for IPRO 497-338 - Developing Insights for Energy Efficiency Improvement. This IPRO is led by Professor Daniel Tomal and Team Leader Ivan Jose, the Power Team consists of Yoon Chye Lee, Ye Tian, Xuehai Shao, Yunnan Wang and Yanyan Jiang.

The HVAC Team consists of Briana Villagrana, Abbas Palgharwala, Soonen Ahua and Abhiroop Chattapadhyay. The Lighting Team consists of Sima Mustaklem, Yiyun Fan, Fengrui Yang and Ming Chen.



Image courtesy of Charles Rivas

IIT honors game changers at 68th Annual Alumni Awards

Usha Subramanian

MANAGER, ADVANCEMENT COMMUNICATIONS

The winners for the 2014 Alumni Awards, a tradition since 1946, have been chosen. This year's award ceremony will honor 11 outstanding individuals; 10 exceptional alumni and one extraordinary civic leader who are entrepreneurs and leaders in their businesses and communities.

The Alumni Medal goes to Robert A. Cornog (MET '61), the highest honor bestowed by the IIT Alumni Association. The Alumni Medal honors distinguished service to the university by alumni who have displayed the qualities of the Collens Merit Award, Alumni Service Award, and Professional Achievement Award.

Alumni Service will be awarded to Adrian R. Nemcek (EE '70). This award honors an individual who demonstrates continuous, selfless commitment to and

devoted enthusiasm for the university through his or her involvement in varied areas of the university including, but not limited to: recruitment, support, service, and leadership.

The Collens Merit Award which honors an individual nominated by university staff or faculty for their outstanding commitment to the future of IIT through philanthropic contributions paired with involvement in his or her gift will go to Edward R. Bedrosian (CE '54).

The Galvin Award will go to Caryl Pucci Rettaliata. This award was established to honor non-alumni for their leadership and dedication to IIT and was named for Robert W. Galvin, a non-alumnus chairman of the IIT Board of Trustees. The Galvin Award recognizes an individual whose service, leadership, and philanthropy have significantly advanced the university. Recipients are nominated by university staff or faculty.

The International Award of Merit will go to Dhongchai Lamsam (M.S. IE '70), whose achievements have strengthened IIT's reputation on an international scale.

The Lifetime Achievement Award will go to Pedro L. Rustan Jr. (EE '70, M.S. '70). This award is bestowed posthumously on an individual who has recently passed away and who, during his or her life, achieved personal success, made an outstanding contribution to his or her chosen field of endeavor, and achieved recognition by his or her colleagues.

The Outstanding Young Alumnus/Alumna Award will go to Tarek A. Fadel (LAW '03) and Donna G. Heidkamp (M.S. FMT '99). This award honors individuals aged 40 or younger who have advanced rapidly over the course of their career and displayed significant achievement in areas of leadership and professional success.

The Professional Achievement Award will go to Kenneth B. Josephson (M.S. DSGN '60), Herbert S. Levinson (CE '49) and Sarabjit S. Randhava (M.S. CHE '66, Ph.D. '70) who are being honored for outstanding achievement in their professional field. This award honors alumni whose achievements have brought distinction to themselves as well as credit to the university. The recipients have achieved such great success as recognized by any or all of the following qualities - membership in peer-elected professional organizations marking the highest level of achievement in a given industry, industry awards and special recognitions received and leadership positions held.

To learn more about the award winners the site alumni.iit.edu/awards can be visited and the live streaming of the awards presentation can be viewed at iit.edu/live on Friday, April 25th at 11:30 a.m.