

CISMO Printing Press



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Welcome from CISMO President Kelvin Green



A rattle welcome from the Department of Computer and Information Sciences Mentoring Organization (CISMO). CISMO provides incoming students within the Department of Computer and Information Sciences with a vital support system that will allow their

transition into the University to be stress-free through encouragement, direction, and coordination in critical areas such as academics, administrative services, and the basic college lifestyle. CISMO is determined not to leave any student behind, leaving a permanent impression on the lives of our students. Just imagine, "if only everything in life were as reliable as CISMO."

I would like to introduce to you to CISMO's Executive Board members: Vice President – Mr. Alexander Anderson; Treasurer – Mr. Justin Jones; Secretary – Ms. Tasha Davis; Historian – Ms. Erin Henry; Webmaster – Mr. Jermaine Stewart; Chairman of Community Service – Ms. Osedra Siler; Chairman of Fundraising – Ms. Jasmine Harris; Director of Compliance – Mr. Jude Desti; Director of Member Relations – Ms. Kenya Farmer; Director of Communications – Ms. Tierra Jennings-Hill; Director of Social Events – Mr. JeRone Gant; and Librarian – Edwina Jacobs. CISMO advisors are Ms. Julia Jones and Mr. Thomas Robinson.

On behalf of CISMO and the executive board, we hope everyone will have a fun-filled, productive, stress-free, and safe summer. We hope you had a good semester at Florida A&M University, filled with good grades, increased GPAs, scholarships, and internships. If there is one organization that you should join, CISMO is the one! If CISMO can help you in anyway or if you would like to become a member of CISMO, please email cismo@cis.famu.edu, or visit us at www.cis.famu.edu/~cismo.

May you catch the Rattler fever, while at Florida A&M University and excel in all areas of academia. In the words of our former President Frederick Humphries Strike! Strike! and Strike! again until you achieve your ultimate goal.

Kelvin Green

Kelvin Green
CISMO President

Looking Back and Reaching Forward Kenroy Williamson



Mr. Kenroy Williamson is a spring 2006 graduate of Florida A&M University (FAMU), Department of Computer and Information Sciences (CIS), business option. After graduation Mr. Williams started to work at Merck as an intern and received a full-time job right after he completed the internship. He is currently working in New Jersey as an infrastructure management specialist. He maintains the support system for Merck, which means he provides support for various applications such as instant messenger, live webcast, emc e-room, and net meeting.

Mr. Williamson attributes his success to not one, but a combination of courses within the CIS department. His job challenges him to think a lot. Mr. Williamson stated that with the help of the CIS classes that challenged him and made him think a lot, he was able to meet that challenge. Mr. Williamson stated that the CIS departmental curriculum was so broad that it covered everything he needed to know to get a job. This put him in a position to pick and choose the job in which he was most comfortable. Basically, it didn't matter which area he went into, because he was prepared for it, by the courses taught in the Department of CIS.

My advice for students in the CIS department is to go on an internship, because it is one of the most important things that you can do in your undergraduate career, and try to maintain a 3.0 GPA. These are the two major qualities that Corporate America looks for in a student. You must have a plan for your future, a career plan, and plan ahead, so that you know what you want to do in the future, and just do it. You must remember why you are in school. Limit your extra curriculum activities; work fewer hours; and most of all stay focus on achieving your education.

Mr. Williamson recently returned to the CIS department to get the students involved within the Merck organization. You may meet him at the FAMU Industry Cluster Partners events on campus throughout the coming year.

From the Desk of ACM President Chantel Bowie

ACM 2007 PROGRAMMING COMPETITION



President – Chantel Bowie, Junior Vice President – Kelvin Green;
Senior Vice President – JeRone Gant

This spring semester the FAMU ACM chapter hosted its Annual Programming Competition on Saturday, March 24, 2007. The teams that competed were divided into two levels: Beginning and Intermediate. The Beginning level teams were required to code their solutions using C++. This level was for students who had taken or were currently enrolled in Fundamentals of Programming Languages, Program, Data & File Structures or Computer Concepts. The Intermediate level was for students who had taken or were currently enrolled in Concepts in Advanced Application Development (Java), and they were required to code solutions in the JAVA language utilizing Eclipse IDE.

ACM provided first and second place trophy prizes to each participant on the winning teams. First place went to Team 1, a Beginning Level team of Computer Engineering majors. Engineering majors were allowed to participate, however, since Computer Engineering majors are not required to enroll in the Java course, they did not qualify as an Advanced Level team. All members of this team has taken and/or passed all three courses required for the Beginning Level.



1st place: Team 1 (Beginning Level) Shina Aofolaju, Felicia McCrary, and Ruben Nelson



2nd place: Team 4 (Advanced Level) Justin Jones, Raymond Pierre-Louis, and Alexander Anderson



3rd place: Team 3 (Beginning Level) John Brown, Sihle Wilson and Vaisin Mouton (not pictured)

Second place went to Team 4, an Advanced Level team. Third place went to team 3 a Beginning Level team. Judging was based on a 10 point rating with 6 problems, totaling at 60 possible points. Points were awarded as long as the solution compiled and produced a correct output. Penalties included non-compilation, incorrect output, use of web assistance or past written programs and not following directions in problem description.

Though everyone could not be a 1st or 2nd place winner, everyone went home with some type of participation acknowledgment. ACM also provided four raffle item prizes. Two male prizes were \$10 gift cards to Finish Line shoe store, and two female prizes were Dillard's gift baskets of equal amount.

Team scores and problem solutions are on the ACM Programming Competition web site: www.cis.famu.edu/~acm/pcomp. This information will be available for a LIMITED time. Also, please feel free to visit the ACM web site: www.cis.famu.edu/~acm for more upcoming events. ACM is also on Facebook, so feel free to add us as your friend!

ACM would like to thank its sponsors for this event: food (gift cards) was provided by **Winn-Dixie** and **Publix**, drinks were provided by **Coca-Cola** and the female gift items were provided by **Dillard's**.

ACM would like to thank ALL who made this event successful.

THESIS PROSPECTUS PRESENTATIONS



Mr. Kahil Wright

Mobile Infrastructure for Facilitating Audio in a Mobile Collaborative Environment

Pair programming is a seemingly powerful addition to educators wishing to enhance learning in software engineering students. This learning style of two programmers working side-by-side, collaborating on the same algorithms has inspired researchers to seek the benefits of this methodology on a mobile environment. Mobile paired programming allows the programmers to be distributed and not depend on collocated work stations. Although the paired programming learning approach has been enhanced to be facilitated in a mobile atmosphere, there is still the opportunity to heighten the mobile paired programming experience through audio input. Mobile Speech recognition technology can aid paired programmers by transforming the current methods of inputting data to a faster, more personalized method. In this context, mobile programmers can develop lines of code by simply speaking programming keywords into their mobile device, eliminating the complicated and frustrating tap-text entry. This research seeks to enhance an existing mobile pair programming environment by defining a framework to facilitate capturing and processing speech input on a mobile device. It is the intent of the researcher to implement a speech recognition framework on an existing mobile pair programming environment, thus simplifying the paired programming process by supplying a less complicated method of data entry. It is proposed that this speech recognition model can serve as a template for other mobile applications that can benefit from a simplified data entry mechanism.

A Data-mining Framework for the Automatic Discovery of Ambient Intelligence by **Marko Skarica**

Ambient Intelligence defines a vision where everyday objects can sense and respond to the presence and behavior of individuals, creating an intelligent environment for assisting people in fulfilling goals or accomplishing tasks. A smart house or smart office with Ambient Intelligence is designed to be more intuitive to the occupant, to anticipate the occupant's activities and to assist if necessary. To be truly effective, an Ambient Intelligent environment must first learn from an occupant's activities and then use this acquired knowledge to better predict and respond to the person's needs and tasks. This thesis proposes a framework that

uses data-mining to automatically acquire this kind of knowledge, knowledge that will give Ambient Intelligence to the smart objects of an environment, lights, doors, appliances, any object designed to interact with the occupant. This acquired knowledge will be represented using the AyoBoard[2], a framework and visual language that uses pictures for depicting and adding intelligent behavior to smart objects. The learning will take place using the activities of the occupant of the environment as data to search for patterns. To represent this activity data we will introduce the Universal Data Format for Ambient Intelligence Learning (UDFAL). The proposed framework and Universal Data Format will facilitate the comparison of different data-mining algorithms for learning activities in an Ambient Intelligent environment.

Also, presenting their prospectus this summer are Zelda Colson and Jermaine Stewart.

Corporate America Recognizes CIS Talent **Mr. Kelvin Green**

This year students have been exceedingly successful in obtaining internships for this summer. I have been blessed with the opportunity to intern with Bank of America in Charlotte this summer, and many other students will be traveling this summer as well.

Accenture

Wynton Kinsey-Beard

BaTelco

Rhonda March

Boeing

Tasha Davis

Erin Henry

Booz Allen Hamilton

Justin Jones

Boston Scientific

Tierra Jennings-Hill

Convergys

Dreunna Williams

Edward Jones

Stacey Collins

Jude Desti

Ron Stevens

Eli Lilly

Osedra Siler

Merrill Lynch

Alexander Anderson

Jasmine Harris

Miller Brewing Company

Anthony Buchanan

Northwestern Memorial Hospital

Tasharrie Smith

Shell

Shontelle Hunte

We hope as a department that all of the students have a memorable, successful, and safe internship.

The Vision

The Vision is a committee comprised of ten students, one faculty member and the Chairman. The committee accomplishments for spring 2007 are as followings:

1. A sign placed in front of the building with the building name on it;
2. Recruitment video produced by Richard Marcus;
3. CIS undergraduate brochure; and
4. One recruitment outing at Chiles High School.

The Vision is presently working on more recruitment, an undergraduate poster to be distributed to all high schools, and committee funding.

If you have suggestions and solutions on how to improve the CIS department, please send them to The Vision committee at vision@cis.famu.edu.

**Professional Development Center
Mrs. Barbara Black, Director**

The Professional Development Center (PDC) is currently inviting students to FAMU Industry Cluster “Meet and Greet” Student Reception. The reception will be held Thursday, April 12th at the FAMU Faculty and Staff Clubhouse from 4:00 pm – 6:30 pm. Please bring your resume for the Cluster Representatives to review for possible job placement and/or internship opportunities.

If you want Ms. Black to review your resume prior to attending the “Meet and Greet”, please forward your resume to Mrs. Barbara Black, Director of the Professional Development Center, Benjamin Banneker Technology Building “A”, Room 304, bblack@cis.famu.edu or you may call her at (850) 412-7361 for more information.

Tutors

Tutors are now available to assist you. **Free of charge!** They are set-up on the 1st Floor in the Sun Room. Please take advantage of this opportunity provided by the HOMMER grant to raise your GPA. Check the bulletin boards for their schedule.

If you would like to be a tutor, contact Dr. Deidre Evans, Room 312, Benjamin Banneker Technology Building “A” (TECA).
Tutors are:



JASMINE HARRIS

Tutorial Hours:

DAY	TIME
Monday	9:00 am - 11:00 am
Tuesday	11:00 am – 3:00pm
Wednesday	9:00 am - 11:00 am 12:20 pm - 1:20 pm
Thursday	11:00 am – 3:00pm
Friday	9:00 am - 11:00 am

Courses: Discrete Structures I, Fundamentals of Programming, and Computer Concepts & Organization



RONALD STEVENS

Tutorial Hours:

DAY	TIME
Monday	10:00 am – 1:00 p.m. 2:30 am – 4:30 pm
Tuesday	12:30 pm – 3:00 pm
Wednesday	10:00 am – 1:00 p.m. 2:30 am – 4:30 pm
Thursday	12:30 pm - 3:00 pm

Courses: Discrete Structures I, Fundamentals of Programming, Computer Concepts & Organization, and JAVA

*You Are Cordially Invited
to Join CIS Clubs*

ACM Club

The ACM club is an organization that represents the CIS student body. It is FAMU’s student chapter of the internationally recognized Association for Computing Machinery. The ACM Club provides students the opportunity for advancing in the Arts, Sciences, and Information Technology through skills building workshops, seminars, news bulletins, community services, and career opportunities. To become a member of the ACM Club contact the club President at acm@cis.famu.edu.

CISMO

The function of the Department of Computer and Information Sciences Mentoring Organization (CISMO) is to provide incoming freshmen with a vital support system through upper-classmen that

will facilitate their transition into the University by providing encouragement, direction, and coordination in critical areas such as academics, administrative services, and the college lifestyle. To become a member of the CISMO contact the club President at cismo@cis.famu.edu

ing for a Faculty Member?

<u>Faculty (Teaching and *Non-Teaching)</u>	<u>Phone</u>	<u>Room</u>	<u>UserID</u>
Allen, Clement	412-7359	310A	allen
Black, Jason	412-7354	211B	jblack
Chandra, Usha	412-7352	211A	uchandra
Chatmon, Christy	412-7353	211B	cchatmon
Chi, Hongmei	412-7659	211C	hchi
Evans, Deidre	599-3964	312	evans
Granville, Bobby	412-7360	310B	granvill
Harmon, Marion	599-8899	300	harmon
Jones, Edward	599-3022	307	ejones
Jones, Julia*	412-7357	310B	msjones
Nowicki, Chris	412-7362	104	cnowicki
Prasad, Bhanu	412-7350	207	prasad
Riggs, Ken	412-7351	211B	riggs
Robinson, Thomas	561-2296	104	trobenson
<u>Staff</u>			
Hairston, David	599-3222	021	dhairsto
Myra Gurley	599-3042	308	mgurley
McDonald, Doug	412-7662	302	dmcdonal
Wilson, Harvey	599-3222	021	harvey
<u>Faculty and Staff Email Address</u>			
(userid)@cis.famu.edu			
<u>CIS Fax Number</u>			
(850) 599-3221			