

Outstanding CSE Students for 2009-2010

Outstanding Undergraduate Student in Computer Science – Katherine Gallets

Katherine Gallets is a senior in Computer Science. Her primary interests are in object orientated programming and database design, with a focus in business applications.

Her current projects include creating an E-commerce website and updating a teacher gradebook system. Past projects include writing spam filters, designing databases, and creating interactive PHP web pages.

In summer 2009, Katherine worked at Pepsico as a Technical Writer Intern. Her main job duties included writing the Design Document for the HP Service Manager project and working with various Service Management teams. In June 2010, she will be employed as a Software Engineer at MedAssets.

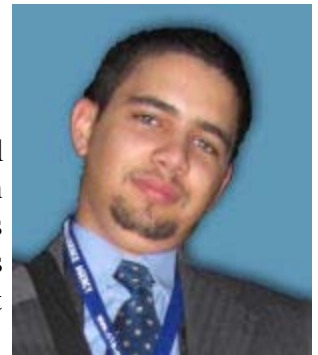
Katherine would like to thank all of her professors for their support during her time at UNT. She would also like to personally thank Carol Bachman, Project Director for Peterbilt and SWE advisor; Dr. Nandika D'Souza, Professor in the Department of Materials Science and Engineering; and Dr. Miguel Garcia-Rubio, Associate Dean at the College of Engineering for their help in preparing her for her professional career through the Society of Women Engineers.

In her free time, Katherine enjoys cooking, watching movies, and playing Super Mario Bros.



Outstanding Undergraduate Student in Computer Engineering – Juan Franco

Juan Franco moved to Texas from Dominican Republic in 2005. He is now a senior and will receive a Bachelors degree in Computer Engineering, after three and a half years, in December 2010. He is specializing in real time and embedded systems. His primary interest is in digital hardware design. For his senior design project, Juan and his team developed a bus tracking system, using GSM and GPS technology. The bus tracking system receives a short message service (SMS) from the user and replies back with estimate time of bus arrival.



Juan also is on the staff of the College of Engineering at UNT. He works in the computer support team and has been working there since his freshman year in 2007 at UNT. His experience at the job motivated him to finish his degree to optimize digital systems.

He is an active member of the Society of Hispanic Professional Engineers (SHPE) and IEEE. He was also awarded a scholarship from Verizon for the year 2009-2010. With his dedication to computer engineering, he has been awarded with the Emerald Eagle Scholar Program and is also on the Dean's List and President's List.

In summer 2010 he will be working as an intern at Los Alamos National Laboratory in New Mexico. Upon graduation, Juan will pursue his Master's degree in Computer Engineering at UNT. In his free time he enjoys the company of his family and friends.

Outstanding Undergraduate Student in Information Technology – Allan Anderson



For someone who likes things to be simple and straightforward, there is a certain ironic flavor to be found in the life of **Allan Anderson**. Currently a senior in the new Information Technology degree offered by the University, Allan also works full time in the Universities Computing and Information Technology Center as a Security Analyst. His true fascination lies in planning complex computer systems, whether they are software interfaces or specialized networks with convoluted requirements. He certainly is enjoying his senior design project, which involves creating a complete customer processing system for The Stewpot, a charitable organization based in Dallas.

In addition to his school and work, Allan pursues a variety of extracurricular activities. Recently married, he and his wife Jen are expecting their first child, a boy, this June. Allan is very excited to be a father, and can recommend the excellent 'Baby Owner's Manual' for any technical people looking to understand kids. He is involved as a Scoutmaster for the local Boy Scout troop 355, where he enjoys working with the young men and teaching them about the world around them, and how to influence that world for good.

Allan loves being an active member of the community around the University, loves working in Information Security, and is thoroughly enjoying the curriculum in his classes. His hope is to continue on in that path, and become a lifelong learner, always interested in new things and developments.

Outstanding Master's Student in Computer Science – Vikram Chandrasekaran



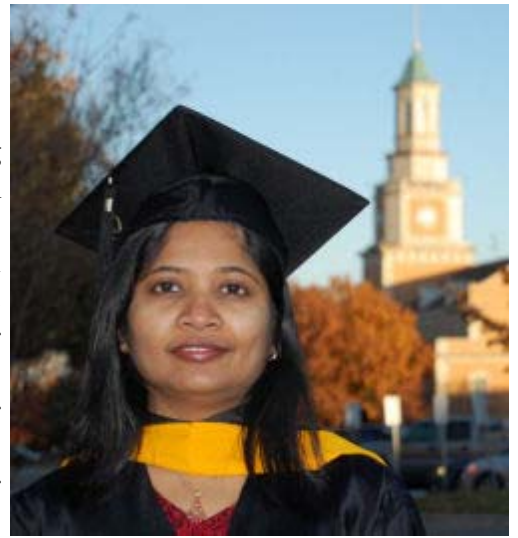
Vikram Chandrasekaran is originally from India. He received his B.E. from Anna University, India and will be receiving his M.S. in Computer Science in August 2010. He is currently working as a research assistant for Dr. Ram Dantu.

Vikram specializes in computer networks with his core focus on Voice over IP and data communications. He has recently published papers on his works involving peer to peer networking with social hashing and social aspects of video phones. Some of his works include data routing based on social networks, hole specification for location to service translation system, media control for mobile phones and bio-medical diagnostics with mobile sensors. He has been collaborating with researchers from Columbia University, Texas A&M University and worked on identifying deadzones with Denco 9-1-1 service center.

As his major Professor, Dr. Dantu has high influence on his works and has helped Vikram over the past years. For that, Vikram would like to say, "Thank you Dr. Dantu, I couldn't have done it without you!" Vikram is working on his thesis and planning his defense in summer.

Outstanding Master's Student in Computer Engineering – Ruchi Rastogi Bani

Ruchi Rastogi Bani always wanted to make her hometown Nowgong (Central India), feel proud about her achievements because very few from this town had come so far. She received her Bachelor of Engineering in 2001 in Electronics. She pursued her career in the same field by working as a Lecturer for her favorite subject VLSI. She then moved to UNT in Fall 2008 to complete her Masters with specialization in the same field. With proper guidance from Dr. Saraju Mohanty and Dr. Elias Kougianos, she was able to complete her Masters with thesis in three long semesters only. During her UNT stay, she thoroughly enjoyed working in the Environmental Science Lab, General Access Lab and as a Teaching Assistant in the Computer Science and Engineering Department.



Ruchi defended her thesis titled "A New N-Way Reconfigurable Data Cache Architecture for Embedded Systems" in October 2009. She also received three scholarships based on her performance. She contributed to multiple projects running in VLSI design and CAD Laboratory (VDCL). She would like to say thanks to the entire staff of the CSE department, her family and friends for all their support.

In her spare time, Ruchi enjoys cooking and spending time with friends. Currently she is in India and will always remember her time in Denton.

Outstanding Doctoral Student in Computer Science and Engineering – Chengyang Zhang

Chengyang Zhang is originally from Anhui, China. He received both of his B.S. in Electrical Engineering and M.S. in Computer Engineering from Beijing University of Science and Technology. He is currently working with Dr. Yan Huang as a research assistant. His research interests include data streams, spatial databases and data mining, location-based services and wireless sensor networks. Chengyang has published 15 papers at peer reviewed international conferences and Journals. He has served as registration chairs and reviewers for many conferences, such as ACM SIGSPATIAL GIS and SIGKDD.

