Beyond the classroom, CS&E students gain valuable experience by participating in academic research and through internships with local and national companies. Faculty are involved in interdisciplinary research grants with the Digital Technology Institute (DTI). Faculty are also actively involved in the Center for Research in Intelligent Security (CRIS) and the Safety, Security, and Privacy Research Institute (SSPI), which foster interdisciplinary research with community-oriented partners. In addition, faculty maintain a close working relationship with community-oriented research organizations.

The CS&E department offers a broad undergraduate and graduate education in computer science, computer engineering, and data science, while many others minor in it. In addition, a computer science major and minor is available through the University of Minnesota’s Department of Electrical and Computer Engineering. Undergraduates have the opportunity to work closely with faculty through the Undergraduate Research Opportunity Program and through the selective Honors offers instruction through labs, lectures, seminars, colloquia, and hands-on research by internationally renowned faculty. Students are offered instruction through labs, lectures, seminars, colloquia, and hands-on research by internationally renowned faculty. Students are offered instruction through labs, lectures, seminars, colloquia, and hands-on research by internationally renowned faculty. Students are offered instruction through labs, lectures, seminars, colloquia, and hands-on research by internationally renowned faculty. Students are offered instruction through labs, lectures, seminars, colloquia, and hands-on research by internationally renowned faculty.
AT&T, Architecture Technology Corp.,

graduate curriculum based on the application and theoretical Science. We provide our students with a broad undergraduate and to lead a department that offers B.S. and B.A. degree programs in

Scientists and Engineers (PECASE) and 23 CAREER Award one of a select few computer science departments nationwide with

The distinction of our faculty is confirmed by their long list of

CS&E has 42 faculty members and nine instructors that provide

research opportunities for our faculty and students.

ABOUT THE DEPARTMENT

Mats Heimdahl

I am always willing to have a discussion on any issues related to

and bring any new initiatives you may have in mind to our attention.

There are many ways you can be part of, and contribute to, our

Affiliates Council (IAC), a group of industry representatives working

generous support from the local industry through our Industry

Minnesota Population Center, and the Biomedical Informatics and

domains, such as: bioinformatics, life sciences, cyber security,

M. Mokbel, S. Shekhar, J. Srivastava

GEOGRAPHICAL INFORMATION SYSTEMS

DATA MINING, DATABASES &

S. Guy, L. Interrante, D. Keefe, G. Meyer, R. Narain

PERFORMANCE COMPUTING

D. Boley, K. Van Dam, J. Yew, P. Zabierek

ARCHITECTURES, COMPILER OPTIMIZATION, &

A. Berman, D. Boley, H. D.邦, J. Sanjanwala, G. Y. Yang

NETWORKS, DISTRIBUTED SYSTEMS,

Robert Rutenbar, K. Asanovic, M. Blau, D. Boley, V. Coveney, V. Gligor, M. Mokbel, S. Shekhar, J. Srivastava

its core mission is to bring together computer science faculty

with those in biology, the College of Science and Engineering,

research, and discovery.

There are many ways you can be part of, and contribute to,

their courses, visit and explore topics that you can offer as a

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I am always willing to have a discussion on any issues related to

There are many ways you can be part of, and contribute to,

the University's College of Science and Technology, Medical School, and

Finally, the dedication of our faculty is confirmed by their long list of

Studies.

Ben Heinrich

Department of Computer Science.

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students. Our faculty and students participate in interdisciplinary research with groups like the Institute for Health Informatics, the Minnesota Population Center, and the Computational and Informational Biology Program. We have also played a leadership role in several research initiatives, including the NSF-funded Center for Research in Intelligent Systems (CRIS) and the Safety, Security, Robotics Center (SSRC-IRSC). Additionally, CS&E remains generous support from the local industry through our Industry

A. Banerjee, M. Gini, S. Guy, V. Isler, R. Narain, K. van Dam, S. M. Reddy, S. Sridharan

MACHINE LEARNING & DATA MINING

D. Boley, K. Van Dam, J. Yew, P. Zabierek

The HCI group specializes in collaborative and social systems—

multiples recipient of the Presidential Early Career Award for Scientists and Engineers (PECASE) and 25 Career Award winners.

To prepare the future leaders in this exciting area, I am proud to lead a department that offers B.S. and B.A. degree programs in

Computer Science (undergraduate) and Computer Science and Information Systems (undergraduate and graduate) degrees. Our faculty members are highly regarded for their excellence in educating and research, and discovery.

There are many ways you can be part of, and contribute to,

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