ANNOUNCEMENT AND CALL FOR APPLICATIONS

THE INSTITUTE FOR VISUAL INFORMATION PROCESSING

June 7 to August 12, 1993
Computer Science and Engineering Department
University of Nebraska -- Lincoln

Sponsored in cooperation with
National Science Foundation
University of Nebraska--Lincoln, College of Arts and Sciences
Center for Communication and Information Science

The Institute for Visual Information Processing is a unique summer program
for undergraduate research in digital image processing and computer vision.
The ten-week program offers instruction, supervised laboratory research,
guest lectures, and visits to area laboratories. Students will receive a
stipend and subsistence and travel allowances totaling approximately $3,000.
Enrollment is limited to 10 students. The Institute will provide an
excellent introduction to an exciting field with a growing need for
well-trained scientists and engineers.

The program includes a three credit course in digital image processing,
taught by Dr. Stephen E. Reichenbach, and a three credit course in computer
vision, taught by Dr. Ashok Samal. Building on the class work, the focus
of the program is an experimental research experience in the UNL Computer
Vision and Image Processing Laboratory. Each student will undertake a
research project chosen from a wide-range of applications (such as remote
sensing, automated inspection, communication, and robotics) to be conducted
with guidance and assistance from the faculty and laboratory assistants.
The program also offers guest lectures from UNL researchers doing imaging
and vision related work in diverse disciplines and visits to government
installations and commercial organizations engaged in image and vision
computing such as the Earth Resources Observations Systems (EROS) Data Center,
Strategic Air Command (SAC), and MicroImages (a developer of mapping and
image processing software used world-wide). Scheduled social and recreational
events will also enhance the students' experience.

Students should have an academic background that includes experience with
a high-level programming language, introductory calculus, and elementary
statistics. We seek students from a variety of academic majors and encourage
the participation of underrepresented minorities, women, and persons with
disabilities. Only U.S. citizens and permanent residents are eligible.

The application deadlines and acceptance dates are:
 Call for Applications   January 15
 Postmark for Early Acceptance March 15
 Notification of Early Acceptance March 31
 Postmark for Late Acceptance April 15
 Notification of Late Acceptance April 30
For full consideration, students should apply for early acceptance.
Depending on the number and quality of applications, as many as 8 of the 10
students will be selected for early acceptance. Remaining slots will be
filled subsequently from the pool of all applications. Applicants should
forward: 1) a letter of application outlining their academic background
and including an address and telephone number, 2) grade transcripts, 3) the
name, address, and phone number of their collegiate advisor, and 4) two
letters of recommendation to:
 Institute for Visual Information Processing
 Computer Science and Engineering Department
 University of Nebraska--Lincoln
 Lincoln, NE 68588-0115
For more information, contact:
 Professor Stephen E. Reichenbach
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 or
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