



THE UNIVERSITY OF
CHICAGO

DEPARTMENT OF
COMPUTER SCIENCE

University of Chicago

Computer Science Summer Fellowship Applicant Information Sheet

Program Duration: July 3 – August 25, 2023 (8-week)

Program Location: In person - 5730 S Ellis Avenue, Chicago, IL 60637

Program Contact: cssrp@mailman.cs.uchicago.edu

Program Website: <https://www.cs.uchicago.edu/undergraduate/student-summer-research-fellowship-program/>

Application Site: <https://apply-psd.uchicago.edu/apply/>

Application Deadline: March 15, 2023

Program Brief

The Student Summer Research Fellowship Program (“Program”) is administered under the Computer Science department at University of Chicago. We invite a small group of highly motivated undergraduate students from our partner Universities to join our faculty-led research groups at University of Chicago for 8 weeks during the summer. During the 8-week program period, each student will spend their work time with his/her faculty host and his/her research team to conduct exciting research. Besides, the program will organize team building activities, panels, etc. that will expose students to the larger UChicago academic community and the city of Chicago.

Application Process

Applicants to the Computer Science Summer Fellowship will need to provide:

- A completed application, including a candidate statement that describes the student’s research interests in computer science, a transcript from their host institution, and a Curriculum Vitae.
- Evidence of English Language preparation; applicants may provide TOEFL or IELTS scores or request an Academic English Preparation Assessment (AEPA) in their application; this test costs \$70 and will need to be paid by the applicant. Applicants whose total score on the four-part TOEFL falls below 90 (or IELTS falls below 7) will not normally be admitted unless other demonstrable evidence of proficiency in English is available.

Students will submit this information via an online application available at <https://apply-psd.uchicago.edu/apply/>. Applicants should indicate Non-Degree as their degree and the Computer Science Summer Fellowship as their program and have a photo.

The application deadline is March 15th, 2023.

Estimated Expenses

The following estimates have been provided for planning purposes only. Actual costs may differ slightly, though every attempt has been made to provide accurate information wherever possible. Depending on the agreement with your home university, students will be asked to provide partial financial responsibility.

Tuition	\$150	Tuition to participate in the Summer Quarter program.
Housing	\$3150	Participants will be housed on campus.
Meals	\$750	Students will be responsible for their own meals. There are many on and off-campus options in the area.
Insurance	\$250	Participants could waive the UofC Student Health Insurance plan and could get external insurance which satisfies the University of Chicago requirement. PSI International Platinum and Diamond Plans or Compass Benefit Benchmark and Benchmark Plus are options.
Student Fees	\$400	All participating exchange students will be required to pay the Summer Student Life Fee which covers services provided at the Student Health Services (SHS) and the Student Counseling Services (SCS).
Program Fees	\$400	Funding for social events for the Summer Fellows cohort
UChicago Support	-\$1700	Support for tuition, Student Fees, and \$1150 towards housing costs.
TOTAL	\$3400	Estimated costs for participating students; to be paid from a combination of personal funds and funding from home institutions.

Visa Requirements

Participants for this program will be sponsored on a University of Chicago J-1 or F1 visa. To secure the relevant documents, participants will be asked to provide the picture page of their passports. The visa will reflect the program dates: July 3 through August 25.

To secure this visa, applicants will need to show evidence that they have sufficient funds for living expenses. Evidencing these funds is required for the visa for all students visiting the University of Chicago. You can provide personal funds or include funding from your home institution.

UChicago Faculty Members for this Program (in alphabetic order by last name)

Kyle Chard ([website](#))

Research Associate Professor

Research Topics: High performance computing and data science

Yuxin Chen ([website](#))

Assistant Professor

Research Topics: interactive learning systems, adaptive experimental design, machine learning, machine teaching

Marshini Chetty ([website](#))

Assistant Professor

Research Topics: HCI, usable privacy and security, ubiquitous computing

Andrew Chien ([website](#))

William Eckhardt Distinguished Service Professor; Director of CERES Center of Unstoppable Computing

Research Topics: Building robust and scalable systems --- cloud, HPC, edge, IoT, etc.

Aaron Elmore ([website](#))

Associate Professor

Research Topics: Database systems, Distributed Systems

Nick Feamster ([website](#))

Neubauer Professor of Computer Science; Director, Center for Data and Computing

Research Topics: Security and privacy, computer networking (access networks, IoT), machine learning

Ian Foster ([website](#))

Arthur Holly Compton Distinguished Service Professor; Director of the Data Science and Learning Division, ANL

Research Topics: High performance computing and data science

Haryadi Gunawi ([website](#))

Associate Professor

Research Topics: Systems, Distributed/Cloud, OS, Storage/File

Rana Hanocka ([website](#))

Assistant Professor

Research Topics: Computer Graphics, Deep Learning, Computer Vision

Hank Hoffmann ([website](#))

Associate Professor

Research Topics: Self-adaptive systems, power & energy efficiency, resource management

Junchen Jiang ([website](#))

Assistant Professor

Research Topics: Networked systems and machine learning

Sanjay Krishnan ([website](#))

Assistant Professor

Research Topics: Database, Machine Learning

Yanjing Li ([website](#))

Assistant Professor

Research Topics: Systems and machine learning, computer architecture, emerging technologies

Pedro Lopes ([website](#))

Assistant Professor

Research Topics: Wearables, Haptics for Virtual/Augmented reality, Fabrication, 3D printing, mechanics

Shan Lu ([website](#))

Professor

Research Topics: Tackling bugs in distributed systems, web applications, IoT programs, etc.

Michael Maire ([website](#))

Associate Professor

Research topics: Machine learning and computer vision

Ken Nakagaki ([website](#))

Assistant Professor

Research Topics: Actuated and Shape Changing User Interfaces, Interactive Devices and Materials, Interaction Design, Robotics.

Lorenzo Orecchia ([website](#))

Assistant Professor

Research Topics: optimization, algorithms, machine learning

Sarah Sebo ([website](#))

Assistant Professor

Research Topics: Human-Robot Interaction, Robotics

Chenhao Tan ([website](#))

Assistant Professor

Research Topics: Natural Language Processing, Human-Centered AI

Blase Ur ([website](#))

Neubauer Family Assistant Professor

Research Topics: Computer security, privacy, and human-computer interaction

Haifeng Xu ([website](#))

Assistant Professor

Research Topics: Computational economics, machine learning, multi-agent systems, algorithms

Ben Y. Zhao ([website](#))

Neubauer Professor of Computer Science

Research Topics: Adversarial Machine Learning, Security/Privacy, Network systems, HCI

Heather Zheng ([website](#))

Neubauer Professor of Computer Science

Research Topics: Adversarial Machine Learning, networking, and data analytics