

Computer Science Summer Fellowship Applicant Information Sheet

Program Duration: July 5 – August 29, 2021 (8-week)

Program Location: Remotely, under individual mentoring from faculty members at University of Chicago

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 31st, 2021

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 remotely 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.

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 31th, 2021.

Visa Requirements

Due to the pandemic, this year’s program will be conducted remotely with **no** visa requirements.

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.

*The Student Fees rate has not been finalized yet, this is an estimate.

Tuition	\$150	Tuition to participate in the Summer Quarter program.
Insurance	--	Complete Waiver
Student Fees	--	Waived for remote participation
Program Fees	\$400	Funding for social events for the Summer Fellows cohort
UChicago Support	-\$300	Support for tuition and part of the program fees.
TOTAL	\$250	Estimated costs for participating students; to be paid from a combination of personal funds and funding from home institution.

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

Kyle Chard ([website](#))

Research Assistant 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](#))

Assistant 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

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](#))

Assistant Professor

Research topics: Machine learning and computer vision

Lorenzo Orecchia ([website](#))

Assistant Professor

Research Topics: optimization, algorithms, machine learning

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

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