



THE UNIVERSITY OF CHICAGO

U-Chicago Computer Science Student Summer Research Fellowship Program

Program Duration	July 8 – August 31, 2019 (8-week)
Program Location	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 20 th , 2019

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, and live in the undergrad-student housing in the beautiful campus of University of Chicago. 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, which includes a candidate statement that describes the student’s research interests, 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 \$75 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 <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 20, 2019.

Estimated Expenses

The UChicago Department of Computer Science will pay tuition (\$150), Student Fees (\$400), and \$1100 towards the housing costs; housing for students will be arranged in advance.

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.



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Tuition	\$150	Tuition to participate in the Summer Quarter program.
Housing	\$2942	Participants will be housed on campus at the Max Palevsky Residential Commons.
Meals	\$600	Students will be responsible for their own meals. There are many on and off-campus options in the area.
Insurance	\$250	Participants should waive the UofC Student Health Insurance plan and should 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	-\$1650	Support for tuition, Student Fees, and \$1100 towards housing costs.
TOTAL	\$3192	Estimated costs for participating students; to be paid from a combination of personal funds and funding from home institution.

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 8 through August 31.

To secure this visa, applicants will need to evidence they have \$3990 in available funds for living expenses. **Your actual costs have been estimated on the previous page.** Evidencing these funds is required for the visa for all student visiting the University of Chicago. You can provide personal funds or include funding from your home institution.

Questions

Please check out our website for updated information:

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

UChicago Faculty Members for this Program

Faculty members in this program cover a broad range of research areas, such as machine learning, database, software systems, hardware, program analysis and compiler, computer networking, human computer interface, bio-informatics, cloud computing, security, and others.

A list of potential faculty hosts and their research areas are on the next page for your reference.

Please check our program webpage for updates.



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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*

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*

Robert Grossman ([website](#))

*Frederick H. Rawson Professor of Medicine and Computer Science; Director of the Center for Data Intensive Science
Research Topics: Data science*

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, robotics*

Yanjing Li ([website](#))

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

Pedro Lopes ([website](#))

*Assistant Professor
Research Topics: HCI, Wearables / Haptics for Virtual Reality and Augmented reality*

Shan Lu ([website](#))

*Associate 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*

Blase Ur ([website](#))

*Neubauer Family Assistant Professor at University of Chicago
Research Topics: Human computer interface and computer security*

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

*Neubauer Professor of Computer Science at University of Chicago
Research Topics: Network systems, HCI, security and privacy*

Heather Zheng ([website](#))

*Neubauer Professor of Computer Science at University of Chicago
Research Topics: Systems, networking, and data analytics*