USC Viterbi
School of Engineering
Department of Computer Science

Snapshot, 2019-2020

Faculty

84 Faculty Members

17 Teaching Faculty

29 Research Faculty

38 Tenure-Track

Students

4246 Students

315 PhD

2563 Master's

1368 Undergrad

Academy Members/ Society Fellows

1 Turing

5 NAE

2 NAS

8 ACM

15 IEEE

39 Additional including AAAI, AAAS

New Faculty Recruited 2020

Jesse Thomason
Asst. Prof.
PhD University of Texas at Austin
Language grounding and natural language processing for robotics

Jiapeng Zhang
Asst. Prof.
PhD UC San Diego
Boolean function analysis, computational complexity and cryptography

Robin Jia
Asst. Prof.
PhD Stanford University
Natural language processing, robustness and machine learning

Vatsal Sharan
Asst. Prof.
PhD Stanford University
Machine learning, statistics and theoretical computer science

Iacopo Masi
Research Asst. Prof.
PhD University of Florence
Computer vision, machine learning, deep learning and biometrics

David Pynadath
Research Asst. Prof.
PhD University of Michigan
Decision-making in multi-agent systems

Grant Highlights

Cyrus Shahabi
DETECT: An All-Scale Trajectory Clustering Approach for Moving Behavior Detection with Spatiotemporal Deep Embedded Neural Networks, National Geospatial Intelligence Agency: $344,485

Joseph Lim
NRI: INT: Collaborative Research: Buoyancy-assisted Collaborative Robots That are Cheap, Safe, and Never Fall Down, US-National Science Foundation: $450,000

Maja Mataric
NRI: FND: Communicate, Share, Adapt: A Mixed Reality Framework for Facilitating Robot Integration and Customization, US-National Science Foundation: $750,000

Aleksandra Korolova
SaTC: CORE: Medium: Collaborative Research: Understanding and Mitigating the Privacy and Societal Risks of Advanced Advertising Targeting and Tracking, US-National Science Foundation: $399,954

Total Grant Funding FY19-20: $7,888,575

Student Distinctions

Leena Mathur
BS in Computer Science, BA in Cognitive Science, BA in Linguistics
Goldwater Scholarship

Zane Durante
BS in Computer Science, BA in Applied and Computational Mathematics
Astronaut Scholarship Foundation, 2020 Astronaut Scholarship

Alexander Spangher
PhD in Computer Science
Bloomberg Data Science PhD Fellowship

Faculty Distinctions

Nenad Medvidovic
ACM Sigsoft Distinguished Service Award

Aleksandra Korolova and Haipeng Luo
National Science Foundation Career Award

Yan Liu
New Voices of National Academies of Science, Engineering and Medicine

Shanghua Teng
OCEC Outstanding Engineering Merit Award

Ewa Deelman
AAAS Fellow

Additional Highlights

#1 Best online computer science graduate program for the eighth consecutive year by U.S. News & World Report

98K Square footage of a new, state-of-the-art computer science building slated to open in fall 2023

#1 Top game design program for undergraduates awarded to USC Games by Princeton Review