Undergraduate Awards
LOUIS T. RADER & COMPUTER SCIENCE DEPARTMENT TEACHING AWARDS

CONGRATULATIONS!
"As a lab lead and head TA for CS 1110, Caroline communicates with students in a matter-of-fact manner, making sure they understand the necessary level of expectation of the lab while always being fully prepared enough to answer any question thrown her way. She is a great leader and role model for new TAs because she is always punctual and on top of her responsibilities."
"Kalman calmly guides students to understand the answer on their own, taking a slower pace to help the student realize the solution because he truly tries to help the student learn the material. Kalman never hesitates to take responsibility for making something run smoothly behind the scenes. He has strong integrity and humility and holds himself to the highest standards of honesty and consistency, never slacking on his responsibilities yet always taking ownership for any mistakes."
"Nikki is my most valuable employee-- she organized the "TA guest lecture series" for Discrete Math, in which several TAs volunteer to lead a lesson. This freed the faculty to walk the room, have more personal interactions with the class, and even "pose as a student" and ask challenging questions to the TA who is leading. This would not have been possible without the work Nikki put into it."
"Jack is a Head TA for CS 2100 and took on the role of quiz creation-- a very important aspect of the course. We know for a fact that our productivity and quality of quizzes would not be nearly as good as it was, if it wasn’t for Jack’s willingness to work closely with us on this part of the course. We know we can reply on him to help us, and it is clear he is dedicated to do a good job."
"As the head TA for homework assignments for the entire course (CS 2100), she is diligent and spearheads all grading efforts. She consistently goes above and beyond and has an uncanny ability to read our minds with respect to what needs to be done for the course. She volunteers solutions to issues and her ideas are good, sensible, and extremely helpful. She also provided excellent service at the Open House front table, being the front line for questions as people entered the area."
"Rachel is the hardest working TA I have encountered, and has all but co-led the class (CS 1112) with me. Rachel also began helping out with lesson formulation as well as delivery. She volunteered to do this of her own accord because she loves the course and has some really cool and interesting ideas about different ways to explain things."
"Sindhura really helped me understand the intricacies and logic that goes into computer science. I have seen how passionate she is not only about the topic of CS and the subject, but also in helping her students learn and gain the most knowledge they can possible during office hours."
"Jimmy has been an excellent TA in CS 1112 this year, stepping up to the role of co-Head TA after several semesters of online learning. He has been instrumental in providing course feedback and keeping the class organized through our Discord server. He is one of the caring-most people... his help during this pandemic has help make the courses thrive."
Maria Parnell

"Maria has TAed for seven semesters including CS1110 TA (lab lead and Head TA), Algorithms, and a Python tutor. Maria worked with many women and minorities who are traditionally underrepresented in computer science who held interest in CS but lack the confidence in their abilities for various reasons, and took time to help work through both technical and personal struggles. Over Spring break, she wrote a new version of a debug lab based on the idea of the popular game Wordle, which is found to be more engaging for the students."
"Faisal Refai has been a TA in several CS classes that I took and always went above and beyond in his dedication towards other students' learning. Not only does Faisal have the vast technical knowledge needed to answer any questions, but he has great interpersonal skills. He is always patient and non-judgemental, reminding students of the foundational concepts needed to understand more complex ideas."
"Jane has been a dedicated TA for several computer science electives, including CS 2110, CS 4102, and CS 3250. Over the years, she has taken on responsibilities when grading students, organizing logistics, as well as insuring that the quality of help students receive is consistent. Several professors who have had her as a TA, can attest to her strong work ethic and passion for assisting students and professors alike."
"As a TA for CS 3250 for several semesters, Natalie has done her very best to make sure that each student in the class she TA-ed has been treated fairly and receives the credit that they deserved."
COMPUTER SCIENCE DEPARTMENT
UNDERGRADUATE SERVICE AWARDS

CONGRATULATIONS!
"Leonardo provided outstanding service for our department at the annual Engineering Open House event. He was the first student to reply to a request for volunteers!"
Victoria (Vix) Clotet

As a third-year double majoring in CS and Commerce, she has been involved with the CS community in several ways over the last few years. She served as the industry relations co-chair for Women in Computer Science (WiCS). She also selected to be the Mentorship Chair for WiCS and is responsible for the mentorship program, sharing computer science-related volunteering opportunities in Charlottesville and the UVA community, and contacting WiCS alumni for career or mentor-focused events for WiCS. She was also a photographer and social media manager at the Hacks4Health hackathon (WiCS's annual hackathon).
"Param has been invaluable in assisting with prospective student visitors and their families to give them a student's view of UVA Computer Science!"
"Josh performed a huge service to the department this semester by incorporating netbadge log-ins to our discord channels. He worked over winter break to learn how to do it, and then set up CS1112 and CS2120 discords to use these log-ins and be more secure. He set it up for additional courses as well-- definitely an important contribution to the running of our course machines!"
"Devin has been invaluable in assisting with prospective student visitors and their families to give them a student's view of UVA Computer Science!"
"Jim helped out and provided excellent service as a front desk greeter volunteer at the annual Engineering Open House event!"
COMPUTER SCIENCE DEPARTMENT
UNDERGRADUATE RESEARCH AWARD

CONGRATULATIONS!
Nicholas Palmer was selected in 2021 for the Computing for Global Challenges (C4GC) internship in Network Systems Science & Advanced Computing (NSSAC) Division of the Biocomplexity Institute and Initiative. During his time in NSSAC, he was tasked with developing and analyzing components of a complex simulation system for biological invasions and contributed significantly to the research. He coauthored two research articles, and is the second author for his significant contributions, including implementation of codes, experimentation, and analysis of results. He easily understands advanced theoretical concepts. He is also extremely comfortable coding on multiple platforms. During his tenure with NSSAC he was sincere, punctual, very enthusiastic, curious, and asks a lot of pertinent questions.
Graduate Awards
GRADUATE TEACHING AWARDS

CONGRATULATIONS!
"Liem is a Head TA for the course (CS 2100) and his role is the point-of-contact for Quizzes and spearheads all quiz grading efforts. In this role, and with hundreds of students in the course, the volume of emails he receives is very large, yet he always responds very professionally. Liem has streamlined the re-take process and handles opening and closing our quizzes at predetermined make-up times. He keeps meticulous records, is very dedicated and does an amazing job."
"Hanjie co-instructs CS6501/4501 Interpretable Machine Learning. She excels in explaining the key concepts in the subject matter using informative presentations. In class, her insights lead to lively exchange of ideas and opinions. She has done a wonderful job of distilling the essence of the recent research in this exciting field and making it accessible to everyone regardless of their background."
"Carl was instrumental in developing and delivering the weekly labs for the "Robotics for Software Engineers" course. He loves to instruct, he is really good at it, and the students just loved how he coached them to understand the concepts in the labs (they said so in their course evaluations and feedback)!"
"Will was a TA for 2 terms for Software Analysis for both the graduate and undergraduate courses. Will is very proactive - when something had to be done, he did not wait to be told, and reminded his professor. When presenting an excellent lecture on his research on software verification he was clear and answered the student's comments in a respectful way. He was also conscientious about responding in a comprehensive way to the questions asked on Piazza."
"Jingyun has been diligently maintaining the entire F1tenth fleet this semester, as well as helping students out to configure their VMs or fix issues with the car plus the labs. Behind the scenes, before the beginning of the semester - he worked very hard to ensure that all the cars were configured correctly, were tested, and ready to be distributed to the teams. This was especially difficult as we were resuming the in-person course after a hiatus of 2 years and everything had to be setup and tested."
"As a TA for CS 3330 course in Spring, she was always proactive in helping students out and held multiple office hours. Multiple students mentioned to the professor that she was very helpful, including her ability to handle a difficult, challenging incident."
GRADUATE SERVICE AWARD

CONGRATULATIONS!
"Soneya has provided great service in her leadership for CSGSG in 2021. She really stood out in leading the organization of CS department research symposium in Dec. 2021. She was the driving force in this effort and was motivated by her perception that grad students really needed to interact and engage, especially with the challenges of the Pandemic driving many to be isolated. She invited speakers and arranged the schedule and oversaw the logistics. The event was a big success and an important event for many students."
JOHN A. STANKOVIC
GRADUATE RESEARCH AWARDS

CONGRATULATIONS!
"Yiling is a rising star in the field of information retrieval. She has made a number of novel research contributions in her field of research, especially in the direction of explainable recommendation and online learning to rank. Recently, she just successfully defended her PhD thesis, where she proposed to study fairness in online learning to rank, which is of paramount importance but has been largely ignored by the community for years."
"Lu has made quite a few encouraging research contributions to the field of data mining and published a number of high-quality papers in the top venues in this area. Lu’s research concentrates on graph embedding, with a particular focus on modeling multiple modalities of graph data for adversarial robustness, which is the foundation in many real-world information systems, such as search engines, recommender systems, and conversational systems."
"David is leading work in verification and falsification of DNN properties. His breadth of knowledge and creativity in solving challenges is evident and presented in several top venues in 2021 (ICSE, CAV, and ASE). The infrastructure David is developing to support this work is already being used by researchers at other institutions and by researchers in industry (Leidos and NASA). David is one of those individuals that blows you away with his intellect, whether it is stating a problem with mathematical precision, prototyping an idea into a technique using the latest frameworks, or conducting an empirical study to assess the merits of such a technique."
ADDITIONAL STUDENT AWARD
Ethan Blaser
NSF Graduate Research Fellowship Program Award

The NSF GRFP recognizes and supports outstanding graduate students in NSF-supported STEM disciplines who are pursuing research-based master’s and doctoral degrees at accredited US institutions.
FACULTY ACCOMPLISHMENTS AND AWARDS
ACM PROFESSOR OF THE YEAR AWARD

CONGRATULATIONS!
Nathan Brunelle
ACM RISING STAR FACULTY AWARD

CONGRATULATIONS!
Angela Orebaugh
UNIVERSITY AWARDS
"The Teaching Awards Committee was impressed by Professor Basit's commitment to excellence in the classroom and found the depth of support of her colleagues and students especially compelling."
Raymond Pettit
2022 Harold S. Morton, Jr.
Undergraduate Teaching Prize

The Morton Prize is given to instructors who demonstrate skill and effectiveness in teaching 1000- and 2000-level courses.
Matthew Dwyer:
IEEE Computer Society 2022
Harlan D. Mills Award

Established in memory of Harlan D. Mills to recognize researchers and practitioners who have demonstrated long-standing, sustained, and impactful contributions to software engineering practice and research through the development and application of sound theory.
NSF CAREER Awards

Madhur Behl
"Safe and Agile Autonomous Cyber-Physical Systems"

Brad Campbell
"Repurposable Devices for a Greener Internet of Things"

Farzad Hassanzadeh
"Model-based compression and probabilistic analysis of non-Markovian sequences"
NSF CAREER Awards continued

**Samira Khan**
"In-Network Computation Meets Data Persistence"

**Yonghwi Kwon**
“Automated Forensic-in-the-Loop Cyber Defense Infrastructure”

**Jundong Li**
"Toward A Knowledge-Guided Framework for Personalized Decision Making"
THANK YOU FOR A GREAT YEAR!

CONGRATULATIONS!