Amanpreet Kapoor

MALA 4115

Malachowsky Building,

University of Florida (UF), USA

https://www.cise.ufl.edu/~kapoor/

kapooramanpreet@ufl.edu

https://orcid.org/0000-0003-1340-8315

RESEARCH INTERESTS

Computing Education, Informal Education, Human-computer Interaction, Employment, Identity Formation

ACADEMIC POSITIONS

Instructional Associate Professor, Department of Engineering Education, University of Florida, USA	Aug 25-Present
Instructional Assistant Professor, Department of Engineering Education, University of Florida, USA	Aug 20-Aug 25
Affiliate, Department of Computer & Information Science & Engg., University of Florida, USA	Dec 20-Present
Research Assistant, Engaging Learning Lab, University of Florida, USA	Oct 15-May 25
Instructor of Record (Campus), University of Florida, USA	Jan 20-Aug 20
Instructor of Record (Online), University of Florida, USA	Aug 18-Dec 19
Graduate Teaching Assistant, University of Florida, USA	Aug 17-Apr 19
Undergraduate Teaching Assistant, Jaypee University of Engineering & Technology, India	Jul 14-Dec 14

EDUCATION

Ph.D. in Human-Centered Computing, University of Florida, USA — May 25
Computing Undergraduate Students' Participation in Internships: Experiences, Preparation, & Barriers
Advisor: Dr. Christina Gardner-McCune

M.S. in Computer Science, University of Florida, USA — May 16

B.Tech. in Computer Science, Jaypee University of Engineering & Technology, India — May 15

OTHER EMPLOYMENT

Solution Developer, Deloitte Consulting LLP, Lake Mary, Florida, USA	Sep 16-Aug 17
UI Software Engineering Intern, Siemens Healthineers, Issaquah, Washington, USA	May 16-Aug 16
Web Developer, Bridge Software Institute, University of Florida, Gainesville, Florida, USA	Dec 15-Aug 16

GRANTS

[G4] *Edugator: An AI-enabled Tool for Creating and Delivering Interactive Computing Content* — Apr 25
PI, UF Innovate Innovation Fund Award

[G3] *Preparing Computing Students for Technical Interviews through Interactive Hands-on & AI-assisted Learning* — Jan 25
PI, Proctor & Gamble U.S. Higher Education Grant

[G2] *Preparing Computing Students for Technical Interviews through Open Educational Resources* — Jun 22
PI, Course Transformation Grant, Center for Teaching Excellence & George A. Smathers Libraries, UF

[G1] *CS Identity Development Interview Project* — Jun 18
Co-PI, ACM SIGCSE Special Award, Special Interest Group on Computer Science Education
Co-shared with my advisor: Dr. Christina Gardner-McCune

AWARDS & SCHOLARSHIPS

[A14]	2024-25 EEd Teacher of the Year, Department of Engineering Education, UF	Feb 25
[A13]	2024 UF Faculty Career Influencer Award, Career Connections Center, UF	Apr 24
[A12]	2024 UF Online Educator of the Year, Center for Teaching Excellence and the Provost Office, UF	Apr 24
[A11]	Exemplary course designation for COP3502 Programming Fundamentals I, UF+QM Online Courses	Dec 23
[A10]	2023 Affordable Access Award, Center for Teaching Excellence, UF	Apr 23
[A9]	Gartner Group Graduate Fellowship, CISE Department, UF	Mar 20
[A8]	University of Florida International Center Certificate of Excellence, UF	Nov 19
[A7]	CISE Department Nominee, Outstanding Graduate Teaching Assistant Award, UF	Apr 19
[A6]	2nd place, ACM Student Research Competition [P4] at SIGCSE 2019, Minneapolis, USA	Mar 19
[A5]	Graduate Teaching Assistantship for Doctoral Program, UF	Aug 17
[A4]	Firm Impact Award for meeting firm goals & professionalism, Deloitte Consulting, USA	Jul 17
[A3]	Applause Award for top performance in a team of 40 analysts, Deloitte Consulting, USA	Apr 17
[A2]	Academic Achievement Award for Excellence in Academics, UF, USA	Aug 15
[A1]	Vice Chancellor's Gold Medal for highest GPA in CS, Jaypee University (JUET), India	May 15

TRAVEL AWARDS

[TG14]	NSF Travel Grant ($1000) to attend ACM CompEd 2023	Dec 23
[TG13]	CRA LEVEL UP workshop travel scholarship ($500)	Sep 23
[TG12]	Stanford University Travel Grant ($2000) to attend Embedded Ethics Conference	May 23
[TG11]	Graduate Student Council, UF ($350) to attend ACE 2020	Feb 20
[TG10]	ACM ITiCSE Doctoral Consortium (£450) to attend ITiCSE 2019	Jul 19
[TG9]	ACM IMS ($950) to attend Interdisciplinary Summit on the Foundations of Data Science	Jun 19
[TG8]	Python Software Foundation ($535) to attend PyCon 2019	May 19
[TG7]	GREAT Foundation Travel Grant ($500) to attend SIGCSE 2019	Feb 19
[TG6]	Graduate Student Council, UF ($350) to attend SIGCSE 2019	Feb 19
[TG5]	ACM Student Travel Grant ($500), to attend SIGCSE 2019	Feb 19
[TG4]	CISE Department Travel Scholarship, UF ($500) to attend ITiCSE 2018	Jul 18
[TG3]	Python Software Foundation ($500) to attend PyCon 2018	May 18
[TG2]	Graduate Student Council, UF ($350) to attend SIGCSE 2018	Feb 18
[TG1]	Python Software Foundation ($200) to attend PyCon 2016	May 16

TEACHING EXPERIENCE

Instructional Assistant Professor at University of Florida, USA
Responsibilities: lead lectures, supervise TAs, create video lectures, curate content and assessments, mentor students
Summary: Led 3 courses, taught 6518 students, supervised 253 TA positions, and average evaluation of 4.6/5.0

Course	Code	Session	#Students	#Staff Supervised	Evaluation
Data Structures and Algorithms	COP3530	Sp 25	444	20	4.6/5.0
		Fa 24	595	29	4.5/5.0
		Su 24	188	4	4.7/5.0
		Sp 24	408	21	4.7/5.0
		Fa 23	574	25	4.6/5.0
		Su 23	167	4	4.7/5.0
		Sp 23	407	18	4.7/5.0
		Fa 22	464	20	4.5/5.0
		Su 22	100	2	4.7/5.0

		Sp 22	315	14	4.7/5.0
		Fa 21	408	17	4.6/5.0
		Su 21	176	4	4.7/5.0
		Sp 21	247	12	4.8/5.0
		Fa 20	345	14	4.6/5.0
Data Structures and Algorithms Online	COP3530	Sp 25	67	2	4.6/5.0
		Su 24	41	1	4.6/5.0
		Sp 24	71	2	4.7/5.0
		Su 23	46	1	4.7/5.0
		Sp 23	59	2	4.7/5.0
		Su 22	31	1	4.8/5.0
		Su 21	37	1	4.7/5.0
		Sp 21	24	1	4.7/5.0
Human-Computer Interaction	CEN4721	Sp 21	50	1	4.9/5.0
Programming Fundamentals 1 Online	COP3502	Fa 22	165	9	4.3/5.0
		Sp 22	98	5	4.5/5.0
		Fa 21	151	8	4.4/5.0
		Fa 20	120	7	4.6/5.0
Programming Fundamentals 1	COP3502	Fa 23	674	28	4.2/5.0
		Fa 20	46	2	4.6/5.0

Instructor of Record at University of Florida, USA

Responsibilities: lead lectures, supervise TAs, create video lectures, curate content and assessments, give feedback
Summary: Led 2 courses, taught 284 students, supervised 5 TA positions, and average evaluation of 4.8/5.0

Course	Code	Session	#Students	#Staff Supervised	Evaluation
Data Structures and Algorithms	COP3530	Su 20	145	3	4.8/5.0
Programming Fundamentals 1	COP3502	Sp 20	49	2	4.7/5.0
Data Structures and Algorithms Online	COP3530	Fa 19	24	-	4.7/5.0
		Su 19	23	-	5.0/5.0
		Sp 19	22	-	4.6/5.0
		Fa 18	21	-	4.9/5.0

Graduate Teaching Assistant at University of Florida, USA

Responsibilities: lead discussion sessions, curate content and assessments, give feedback, supervising staff

Course	Code	Session	#Students
Data Structures and Algorithms	COP3530	Sp 19	33
		Fa 18	54
		Su 18	74
		Sp 18	48
Software Engineering	CEN3031	Fa 17	60

Undergraduate Teaching Assistant at Jaypee University of Engineering & Technology, India

Responsibilities: designed the course homework, projects and resolved the difficulties encountered by students

Course	Code	Session	#Students
Web Technology Lab	COP3530	Fa 14	54

REFEREED JOURNAL PAPERS

[J1] IEEE Transactions of Education 21 Effects of a Block-based Scaffolded Tool on Students' Introduction to Hierarchical Data Structures
Feijóo García, P., **Kapoor, A.,** *Gardner-McCune, C. &, Ragan, E.*
https://doi.org/10.1109/TE.2021.3109604

Note: In computer science, conferences are top-tier publishing venues, with selectivity and impact often exceeding journals (https://cra.org/resources/best-practice-memos/evaluating-computer-scientists-and-engineers-for-promotion-and-tenure/).

Conference abbr.	Full Conference Title
ASEE	American Society for Engineering Education Annual Conference and Exposition
SIGCSE	Technical Symposium on Computer Science Education
ACE	Australasian Computing Education Conference
ITiCSE	Conference on Innovation and Technology in Computer Science Education
UXPA	User Experience Professionals Association (UXPA) International Conference
VL/HCC	IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC)
IVA	ACM International Conference on Intelligent Virtual Agents
CHI	ACM CHI Conference on Human Factors in Computing Systems
IDC	ACM Interaction Design and Children Conference

REFEREED FULL CONFERENCE PAPERS

[C18]   ACM ICER 25   Creating an Instrument to Measure Undergraduate Computer Science Students' Self-Efficacy in Object-Oriented Programming (OOP): Preliminary Validity and Reliability Evidence
Prasad, P., Umapathy, K., Ritzhaupt, A., **Kapoor, A.**

[C17]   ACM ITiCSE 25   Retrospective Evaluation of Technical Interview Preparation Activities offered in a Data Structures and Algorithms Course
Kapoor, A., *& Gardner-McCune, C.*
https://doi.org/10.1145/3724363.3729102

[C16]   ASEE 2025   Exploring the Impact of Student-Created Review Videos in Two Early Computing Courses
Tressler, C., Cruz Castro, L., **Kapoor, A.** *& Blanchard, J.*

[C15]   ACM SIGCSE 25   NeuRL: A Standalone No-Code Web-Based Agent Environment to Explore Neural Networks and Reinforcement Learning
Siegel, S., **Kapoor, A.,** *Rashidi, P.*
https://doi.org/10.1145/3641554.3701850

[C14]   ACM CompEd 23   Where's the Data? Finding and Reusing Datasets in Computing Education.
Kiesler, N., Impagliazzo, J., Biernacka, K., **Kapoor, A.**, *Kazmi, Z., Ramagoni, S.G., Sane, A., Tran, K., Taneja, S. and Wu, Z.*
https://doi.org/10.1145/3598579.3689378

[C13]   ASEE 2023   Computing students' design preferences and barriers when solving short programming problems
Hardin, J., Diaz, M. & **Kapoor, A.**
https://peer.asee.org/43292

[C12]   ACM SIGCSE 23   Logistics, Affordances, and Evaluation of Build Programming: A Code Reading Instructional Strategy
Kapoor, A., *Xie, T., Kwan, L. & Gardner-McCune, C.*
https://doi.org/10.1145/3545945.3569756

[C11]   ACM SIGCSE 23   Implementation and Evaluation of Technical Interview Preparation Activities in a Data Structures and Algorithms Course
Kapoor, A., *Panchal, S. & Gardner-McCune, C.*
https://doi.org/10.1145/3545945.3569755

[C10]   ACM SIGCSE 23   Modeling Determinants of Undergraduate Computing Students' Participation in Internships
Wolf, M., **Kapoor, A.,** *Xie, T., Kwan, L. & Gardner-McCune, C.*
https://doi.org/10.1145/3545945.3569754

[C9]   Koli Calling 22   Categorizing Research on Identity in Undergraduate Computing Education
Kapoor, A., *& Gardner-McCune, C.*
https://doi.org/10.1145/3564721.3565948

[C8]	ASEE 2021	Reflection and Transformational Learning in a Data Structures Class *Resch, C., Gardner-McCune C., & **Kapoor A.*** https://peer.asee.org/37651
[C7]	ACM SIGCSE 20	Exploring the Participation of CS Undergraduate Students in Industry Internships ***Kapoor, A.,** & Gardner-McCune, C.* https://doi.org/10.1145/3328778.3366844
[C6]	ACM ACE 20	Barriers to Securing Industry Internships in Computing ***Kapoor, A.,** & Gardner-McCune, C.* https://doi.org/10.1145/3373165.3373181
[C5]	ACM ITiCSE 19	Understanding CS Undergraduate Students' Professional Identity through the lens of their Professional Development ***Kapoor, A.,** & Gardner-McCune, C.* https://doi.org/10.1145/3287324.3287408
[C4]	ACM SIGCSE 19	Understanding CS Undergraduate Students' Professional Development through the Lens of Internship Experiences ***Kapoor, A.,** & Gardner-McCune, C.* https://doi.org/10.1145/3287324.3287408
[C3]	ACM ITiCSE 18	Modelling Competencies for Computing Education beyond 2020: A Research Based Approach to Defining Competencies in the Computing Disciplines *Frezza, S., Daniels, M., Pears, A., Cajander, Å., Kann, V., **Kapoor, A.,** McDermott, R., Peters, A.K., Sabin, M. & Wallace, C.* https://doi.org/10.1145/3293881.3295782
[C2]	ACM ITiCSE 18	Considerations for Switching: Exploring Factors behind CS Students' Desire to Leave a CS Major ***Kapoor, A.,** & Gardner-McCune, C.* https://doi.org/10.1145/3197091.3197113
[C1]	ACM SIGCSE 18	Understanding Professional Identities and Goals of Computer Science Undergraduate Students ***Kapoor, A.,** & Gardner-McCune, C.* https://doi.org/10.1145/3159450.3159474

DOCTORAL CONSORTIUM

[D1]	ACM ITiCSE 19	A Grounded Theory of Computing Professional Identity Formation ***Kapoor, A.*** https://doi.org/10.1145/3304221.3325598

REFEREED SHORT CONFERENCE PAPERS

[SC4]	ACM CompEd 23	Where's the Data? Exploring Datasets in Computing Education. *Kiesler, N., Impagliazzo, J., Biernacka, K., **Kapoor, A.**, Kazmi, Z., Ramagoni, S.G., Sane, A., Tran, K., Taneja, S. and Wu, Z.* https://doi.org/10.1145/3617650.3624951
[SC3]	ACM ITiCSE 22	Eliciting Course Feedback through a Bug Bounty Program ***Kapoor, A.,** Penton, A., and Pierpont, H.* https://doi.org/10.1145/3502717.3532159
[SC2]	ACM ITiCSE 21	Introducing a Technical Interview Preparation Activity in a Data Structures and Algorithms Course ***Kapoor, A.,** and Gardner-McCune, C.* https://doi.org/10.1145/3456565.3460033

[SC1]   ACM ITiCSE 18   Modeling Global Competencies for Computing Education
*Frezza, S., Pears, A., Daniels, M., Kann, V., **Kapoor, A.,** McDermott, R., Peters, A.K., Wallace, C., Sabin, M. and Cajander, Å.*
https://doi.org/10.1145/3197091.3205844

REFEREED POSTERS

[P6]   ACM SIGCSE 24   Understanding Undergraduate Students' Participation in Computing Clubs
*Nelson, B., **Kapoor, A.,** & Gardner-McCune, C.*
https://doi.org/10.1145/3626253.3635394

[P5]   UXPA 19   Understanding Aspiring UX Professionals' Professional Development.
***Kapoor, A.,** & Gardner-McCune, C.*

[P4]   ACM SIGCSE 19   Deconstructing Successful and Unsuccessful Computer Science Undergraduate Interns
Kapoor, A.
https://doi.org/10.1145/3287324.3293711

[P3]   ACM IVA 18   Assessing the Impact of Virtual Human's Appearance on Users' Trust Levels.
*Zalake, M., Woodward, J., **Kapoor, A.** and Lok, B.*
https://doi.org/10.1145/3267851.3267863

[P2]   IEEE VL/HCC 18   Usability Challenges that Novice Programmers Experience when Using Scratch for the First Time.
*Jimenez, Y., **Kapoor, A.,** & Gardner-McCune, C.*
https://doi.org/10.1109/VLHCC.2018.8506560

[P1]   ACM SIGCSE 18   Understanding How Computer Science Undergraduate Students are Developing their Professional Identities
***Kapoor, A.,** & Gardner-McCune, C.*
https://doi.org/10.1145/3159450.3162322

REFEREED DEMOS

[X1]   ACM SIGCSE 25   Edugator: An AI-enabled Tool for Creating and Delivering Interactive Computing Content
*Diaz, M., Karp, D., Tuli, P. **& Kapoor, A.***
https://doi.org/10.1145/3641555.3705025
https://edugator.app/

PAPER PRESENTATIONS

[Pr11] SIGCSE 23, Online   Logistics, Affordances, and Evaluation of Build Programming: A Code Reading Instructional Strategy   Mar 23

[Pr10] SIGCSE 23, Online   Modeling Determinants of Undergraduate Computing Students' Participation in Internships   Mar 23

[Pr9]   Koli Calling 22, Online   Categorizing Research on Identity in Undergraduate Computing Education   Nov 22

[Pr8]   ITiCSE 22, Online   Eliciting Course Feedback through a Bug Bounty Program   Jul 22

[Pr7]   ITiCSE 21, Online   Introducing a Technical Interview Preparation Activity in a Data Structures and Algorithms Course   Jul 21

[Pr6]   SIGCSE 20, Online   Exploring the Participation of CS Undergraduate Students in Industry Internships   Mar 20

[Pr5]   ACE 20, Melbourne, Australia   Barriers to Securing Industry Internships in Computing   Feb 20

[Pr4]	ITiCSE 19, Aberdeen, Scotland	Understanding CS Undergraduate Students' Professional Identity through the lens of their Professional Development	Jul 19
[Pr3]	SIGCSE 19, Minneapolis, USA	Understanding CS Undergraduate Students' Professional Development through the Lens of Internship Experiences	Mar 19
[Pr2]	ITiCSE 18, Larnaca, Cyprus	Considerations for Switching: Exploring Factors behind CS Students' Desire to Leave a CS Major	Jul 18
[Pr1]	SIGCSE 18, Baltimore, USA	Understanding Professional Identities and Goals of Computer Science Undergraduate Students	Feb 18

POSTER PRESENTATIONS

[Ps4]	ITiCSE 19, Aberdeen, Scotland	A Grounded Theory of Computing Professional Identity Formation	Jul 19
[Ps3]	UXPA 19, Scottsdale, USA	Understanding Aspiring UX Professionals' Professional Development	Jun 19
[Ps2]	SIGCSE 19, Minneapolis, USA	Deconstructing Successful & Unsuccessful Computer Science Undergraduate Interns	Mar 19
[Ps1]	SIGCSE 18, Baltimore, USA	Understanding How Computer Science Undergraduate Students are Developing their Professional Identities	Feb 18

OTHER PRESENTATIONS/TALKS/CREATIVE WORKS

[T12]	AI Day's Lightning Talk, UF	Edugator: An AI-enabled Tool for Creating and Delivering Interactive Computing Content	Oct 24
[T11]	UF Student Science Training Program (SSTP)	Don't get stuck. Imagine, Explore, Do! – Opportunities for Exploring Computing [**Invited Talk**]	Jul 23
[T10]	TechByte, UF Information Technology	Streamline Grading with Gradescope *Maness, Heather, Sharp, C., Cruz Castro, L.* & ***Kapoor, A.***	Apr 23
[T9]	ACM SIGCSE 2023	Spiffy Peer Instruction Questions, Special Session – Peer Instruction Question on Data Structures and Algorithms	Mar 23
[T8]	ACM COMPUTE Conference, Delhi, India	Introducing a Technical Interview Preparation Activity in a Data Structures and Algorithms Course [**Invited Talk**]	Nov 21
[T7]	Cross Cultural Engineering Seminar, UF and Kyoto University	Human-Centered Design Seminar - Creating Cross Cultural Solutions in Service of People: Using the Human Centered Design Process to Meet the Need of a User *Goncher, A.* & ***Kapoor, A.***	Oct 21
[T6]	The UF Faculty and Staff Symposium, Career Connections Center, UF	Lessons from Students Experiences Outside of the Classroom *Gardner-McCune, C., &* ***Kapoor, A.***	Mar 20
[T5]	Emerging Leaders in Science Policy & Advocacy Memo 19	Establishing a K-12 AI Teacher Training Program in Florida via Public-Private Partnerships *Rader, P., Walther, A., &* ***Kapoor, A.***	Apr 19
[T4]	Future of Florida Summit, Bob Graham Center for Public Service, UF	Bus to Success: Using Spatial Econometrics to Reduce Poverty in Gainesville, Florida	Feb 19
[T3]	CMU LearnLab Summer School 18	Categorizing and Predicting Learners in an Introductory Programming Course offered through Open-Learning Initiative	Aug 18

[T2]	13th Annual Conference of Social Sciences, UF	Understanding How Computer Science Undergraduate Students are Developing their Professional Identities	Apr 18
[T1]	Graduate Student Research Day, UF	Understanding How Computer Science Undergraduate Students are Developing their Professional Identities	Apr 18

SERVICE (REVIEWING ACTIVITY)

Associate Program Chair,

ACM SIGCSE Conference 2025: *Posters Track*	Nov 24
ACM SIGCSE Conference 2024: *Posters Track*	Oct 23
ACM SIGCSE Conference 2022: *Experience Reports & Tools Track*	Sep 21

Invited Reviewer,

ACM Conference on International Computing Education Research (ICER 2025)	Apr 25
Taylor & Francis, Computer Science Education Journal	Jan 24, Dec 24
ACM CHI Conference 2024: *Research Paper Track*	Oct 23
Research in Science & Technological Education Journal	Nov 22, Sep 22
ACM Transactions on Computing Education (TOCE) Journal	Sep 20, Feb 21, Aug 21, Jan 22, Feb 23, Mar 24, Mar 25
ACM Interaction Design and Children (IDC) 2021 Conference	Feb 21
ACM CHI Conference 2021: *Late Breaking Works*	Jan 21

Reviewer,

ACM SIGCSE Conference 2019-2021	Aug 18, Oct 19, Sep 20, Oct 21
ACM ITiCSE Conference 2019-2022	Mar 19, Jan 21, Jan 22
CCSC Northwestern Regional Conference	Jul 21
Graduate Student Council, UF: *Travel Grants*	Nov 17, Mar 18, Nov 18, Nov 19
UXPA (User Experience Professionals Association) Conference	Nov 18

SERVICE (UNIVERSITY)

Invited Reviewer, 2025 UF Career Influencer Awards, Career Connections Center, UF	Apr 25
Southern Association of Colleges and Schools (SACS) Accreditation Chair, CISE Department, UF	Aug 23-Present
Member, Career Connections Center Advisory Committee, UF	Sep 22-Present
Instructional Faculty Search Committee Member, CISE Department, UF	Mar 23-Present
Assessments Committee Member, Engineering Education Department, UF	Aug 22-Present
Faculty Advisor, Quant Club, UF	Aug 23-Present
Faculty Advisor, Software Engineering Club, UF	Aug 21-Present
Marshal, College of Engineering Commencement	May 23, May 24
Invited Judge, WiNGHacks Hackathon, UF	Apr 24
Invited Judge, 2024 Affordable Access Award, Center for Teaching Excellence, UF	Mar 24
Faculty Search Committee Member, Engineering Education Department, UF	Apr 23-Aug 23
SACS Accreditation Coordinator, CISE Department, UF	Aug 22-Jul 23
Invited Judge, Swamphacks Hackathon, UF	Jan 22
Curriculum Committee Member, Engineering Education Department, UF	Aug 20-Jul 22

SERVICE (CONFERENCES)

Junior Chair of Affiliated Events, ACM SIGCSE 2026 Conference	Mar 25-Present
Session Chair, ACM ITiCSE 2025 Conference	Jul 25
Co-Chair, Posters, Panels and Tips, Techniques & Courseware Track, ACM ITiCSE 2025 Conference	Aug 24-Jul 25

Session Chair, ACM SIGCSE TS Conference	Mar 24, Feb 25
Senior Chair of Evaluations, ACM SIGCSE 2024 Conference	Jul 23-Jul 24
Junior Chair of Evaluations, ACM SIGCSE 2023 Conference	Apr 22-Jun 23
Session Chair, RESPECT 2020 Conference	Mar 20
Session Runner, PyCon 2018 Conference, Cleveland	May 18
Evaluation Chair, Florida Society of Social Sciences Annual Conference, UF	Aug 17-Apr 18
Volunteer, SIGCSE 2018 Conference, Baltimore, Maryland	Feb 18

SERVICE (OTHERS)

Co-Lead and member, Software & GUI Team, Gatorloop, UF	Jul 19-Nov 19
Co-Treasurer, Florida Society of Social Sciences, UF	May 18-Apr 19
Organizing Committee Member, HCC Department Monthly Meetings, UF	Aug 17-Nov 18
Curriculum Board Advisor for UF TYPE Initiative (Teaching Youth Programming Essentials)	Aug 17-Dec 17
Employer Relations Ambassador, Career Resource Center, UF	Aug 15-May 16
Lead Creative, Google Student Community, JUET, India	Jul 13-Jun 14

UNDERGRADUATE RESEARCH MENTORING (BY PROJECTS)

[M14]	Evaluating the efficacy of mock interviews in Data Structures course	
	Shobha Ratnam Priya	Aug 24-Dec 24
[M13]	WiNG.it - Behavioral Interview Preparation	
	Rachel Pu	Aug 24-Present
	Chelsea Nguyen	Aug 24-Present
[M12]	Help-seeking behaviors of students that attend drop-in tutoring for CISE courses	
	Esse Ciego	Aug 24-Jul 25
	Skyler Steiert	Aug 24-Jul 25
[M11]	Predicting Student Participation in Industry Internships	
	Kristen Moy	Jan 24-Jul 25
	Divya Verma	Jan 24-Jul 25
	Wyatt Harris	Jan 24-Jul 25
[M10]	Assessing student needs and misconceptions in Data Structures courses	
	Emily Jiji	Aug 23-Dec 23
[M9]	Skillbit: Platform for hosting Web Development related Technical Interviews	
	David Noguera	Aug 23-Apr 25
	Daniel Lai	Aug 23-Apr 25
	Tyler Haisman	Aug 23-Apr 25
	Blake Rand	Aug 23-Apr 25
	Matthew Jung	Aug 23-Dec 23
[M8]	Developing Open Educational Resources for Technical Interviews	
	Meaghan Estrada	Jan 23-May 23
	Matthew DeGuzman	Jan 23-May 23
[M7]	Identifying and nudging at-risk students in computing courses	
	Adrien Chen	Aug 22-May 24
	Matthew Marchio	Aug 22-Dec 22
[M6]	Evaluating Technical Interview Preparation Activities [C11]	
	Sajani Panchal	May 22-Apr 23

[M5]	Build Programming: an instructional strategy for scaffolding code reading [C12]	
	Leon Kwan	Jan 22-Mar 23
	Tianwei Xie	Jan 22-Mar 23
[M4]	Educator: Platform for running short programming problems [C13]	
	Joseph Hardin	May 21-Jun 23
	Daniel Lai	Jan 23-Apr 23
	Blake Rand	Jan 23-Apr 23
	Matthew Jung	Jan 23-Apr 23
	Dustin Karp	Aug 22-Apr 23
	Maeloni Pompilio	Aug 22-Dec 22
	Kunyao Wang	May 21-Aug 21
[M3]	Eliciting Course Feedback through a Bug Bounty Program [SC3]	
	Andrew Penton	Aug 21-Dec 21
	Hamish Pierpont	Aug 21-Dec 21
[M2]	CSEd@Clubs: An ethnographic investigation of students' learning in Computing Clubs [P6]	
	Brooke Nelson	May 23-Mar 24
	Charlie Hobson	Jan 20-May 20
	Beatrice Villanueva	Aug 19-Dec 19
[M1]	Modeling learners in an Introductory Programming Course	Nov 18-Oct 19
	David Fussell	

SENIOR PROJECTS SUPERVISED

[S26]	Collect-A-Gator	Jan 25-Apr 25
	Aarti Kalamangalam, Emily Lu, Gabriel Isenberg, Karen Tong, Lauren Escarcha	
[S25]	Indeq: A Private Data Search Engine for Students	Jan 25-Apr 25
	Chung To, Alan Patrick Lapid, Xian Zhang, Alex Lin, Amay Patel	
[S24]	Boshi: An Anonymous Social Media Platform Built on the At Protocol	Jan 25-Apr 25
	Alex Eum, Matthew Deguzman	
[S23]	MakeCents: A No-Stress Budgeting & Spending Tracker That Actually Makes Cents	Jan 25-Apr 25
	Elisa Arenas, Santiago Barrios, Carolina Boitel, Andrea Sanchez, Megan Shah	
[S22]	Hydration	Aug 24-Dec 24
	Prayuj Tuli, Ty Halpen	
[S21]	Balance Buddy	Aug 24-Dec 24
	Sofia Celestrin, William Garcia, Lindsey Hannah, Alex Hu	
[S20]	Gator Library: E-learning Video Platform	Jan 24-Apr 24
	Robert Fontan, Aryan Talekar, Sammy Masri, Neha Kallamvalli	
[S19]	Prettier-er: A Customizable Prettier VS Code Plugin for improving Code Quality	Jan 24-Apr 24
	Adrien Chen, Lauren Bartyczak, Joshua Hughes, Sajani Panchal, and Syed Abbas Shah	
[S18]	The DSA Duckies – Guppie Grader: Using LLMs to grade project code analysis reports.	Jan 24-Apr 24
	Kevin Allen, Benjamin (Benny) Cortese, Alexander (Alex) Duffaut, Yair Temkin	
[S17]	VAC.JS: utility tools for assessments and improving accessibility in e-learning	Aug 23-Dec 23
	Alyssa LaSalle, Colbi Hopkins, Jenny Evans, Samantha Barthelemy, Valentina Aguilar	
[S16]	ParticiGator: Web and mobile platform for promoting and assessing engagement in CISE discussions	Jan 23-Apr 23
	Julia Harbord, Robin Fintz, Andrew Penton	
[S15]	Metraverse: Tool to develop self-regulation in students via nudge techniques	Jan 23-Apr 23
	Cameron Kozlin, Daniel Lewis, Parker Romero	
[S14]	Edugator: Study Guide Enhancements	Jan 23-Apr 23
	Maggie Tieu, Kattrina Erillo, Vida Tonkova	

[S13]	Edugator: Multi-Language Programming Support *Nitin K. Ramadoss, Herman A. Gonzalez, Jose A. Cabrera*	Jan 23-Apr 23
[S12]	Webosity: Platform for learning Web Fundamentals *Maanasi Vadlamani, Emily Kelsey, Chris Henesy*	Aug 22-Dec 22
[S11]	Modeling Determinants of Securing Industry Internships in Computing [C10] *Megan Wolf*	Jan 22–Apr 22
[S10]	MediaTrackerr A Web Application for Storing Book Media Inventory and Information *Sijia Li, Jada Allen, Emily Arnold, David Rowe, and Daniel Giampaolo*	Jan 22–Apr 22
[S9]	Gator.sol – Blockchain Education Senior Project *Colin Naehr, Jack Driscoll, Kyle Strout, and Connor Wilson*	Jan 22–Apr 22
[S8]	Edugator Database Migration and Template Generation *John Dillon, Lindsay Dobrie, Jahdiel Suarez, Andrew Whigham, and Abdullah Yuksel*	Jan 22–Apr 22
[S7]	Interactive, WYSIWYG Learning Content on the Edugator Platform *Robert McAdam and Dominik Andrzejczyn*	Jan 22–Apr 22
[S6]	Edugator Admin: Coding Problem Management and Grading Application *Marc Diaz, Tanner Ropp, Hamish Pierpont, Dhruv Patel, Josh Dargan, Adrian Salazar*	Aug 21-Dec 21
[S5]	GatorNexus: A Tool for Visualizing Computing Internships *Abinai Pasunuri, Roberto Pantoja Bacallao, and Ricardo Golac Barriga*	Jan 21-Apr 21
[S4]	Creating Connections: Testing Virtual Reality in Classroom Interaction *Joseph Gravelle, Caleb Steinmetz, Andrew Helms, Kiara Kubo, and Valerie Prater*	Jan 21-Apr 21
[S3]	A Smart Blocker for Flexible YouTube Distraction Blocking *George Kolasa*	Jan 21-Apr 21
[S2]	Interactive Battleship Game *Peyton Marinelli, Mark Lawrence, Alexis Vega, Michael Wollenhaup, and Fouad Diff*	Jan 21-Apr 21
[S1]	Modeling CS Identities to Determine Employability in Industry Internships [C10] *Charlie Hobson*	Aug 20-Dec 20

UNDERGRADUATE HONORS THESIS

[H12]	Where We're Going, We Don't Need Modes: Design and Application of the Lilypad Code Editor *Liam Rosenfeld*	Apr 25
[H11]	Exploring Student Perceptions on Student-Created Review Videos in Early Computing Courses *Christopher Tressler*	Apr 25
[H10]	Hive Mind: A Proposed Open-Source Metaverse Platform Enforcing Environmental and Collaborative Aspects of XR *Chase Hap*	Apr 25
[H9]	Rethinking Technical Interviews: A Proof-of-Concept for AI-Powered Candidate Assessment (**Chair**) *Tyler Haisman*	Apr 25
[H8]	Augmented Reality in Public Safety: Exploring Spatial Cognition with HoloLens2 for Enhanced First Responder Coordination *Haohui Bao*	Apr 24
[H7]	GitHub in the Classroom: Exploring Documentation Enhancement Through Hands-On Experience (**Chair**) *Sara Osmanovic*	Apr 24
[H6]	Nudge Reminder - Investigating the Efficacy of Nudge Emails on Student Performance (**Chair**) *Adrien Chen*	Apr 24

[H5]	Simulating Material Removal of Magnetic Field-Assisted Finishing *Dylan Rautenstrauch*	Apr 24
[H4]	Unveiling the Pedagogical Potential of ChatGPT: A Comprehensive Study in UF's CISE Dept. *Christina Kohlbeck*	Apr 24
[H3]	Optimal supervised reduction of high dimensional feature spaces in cancer transcriptomics *Richard Bailey*	Apr 23
[H2]	STEM DAO: The future of STEM education (**Chair**) *Relly Valentine*	Dec 22
[H1]	Analyzing the Impact of Homework Submission Times on Student Performance in an Introductory Programming Course *Samia Gilani*	Dec 21

INDIVIDUAL STUDIES SUPERVISED / OTHER COURSES

[O2]	L3Harris Technologies Internship UF Advisor *Alexia Martin*	Dec 21
[O1]	UF Otolaryngology Patient Education Application *Dhrubo Mondal*	Apr 21

WORKSHOPS/WORKING GROUPS

Selected for CRA Level Up Workshop on managing rising enrollments in computing, Atlanta, Georgia	Sep 23
Selected for Peer instruction workshop, University of Michigan	Jun 22
Selected for Bridges Data Structures Summer workshop, University of North Carolina, Charlotte	May 22
Selected for the Peer Teaching Summit, ACM SIGCSE 2022	Mar 22
Completed the *First Year Faculty Teaching Academy Workshop,* UF	Aug 21
Co-led the *Introduction to GUI Workshop,* Gatorloop, UF	Sep 19
Led the *Resume and CV workshop*, Intelligent Multimodal Human-Computer Interaction for Undergraduates Program, UF	Jul 19
Selected for SIGCSE '19 workshop, *Integrating accessibility into Computer Science*	Feb 19
Selected for Working Group, Future of Florida Summit '19: The Bob Graham Center for Public Service, UF	Feb 19
Selected for Working Group, *Modeling Global Competencies for Computing Education,* ITiCSE '18	Jun 18

PANELS

Invited Panelist, *Leadership, community, and innovation in engineering,* 2024 Flagship Leadership Summit, UF	Oct 24
Invited Panelist, *Understanding How UF is Preparing Students for Tomorrow's Workforce,* Career Connection Center, UF	Jun 24
Invited Panelist, *Forming our Identities through Networking and Development,* UF	Aug 22
Panelist, *Cross-Cultural Education in Engineering,* SwampCon 2021, Florida	May 21
Invited Panelist, *HCI jobs in Academia*, Human-Centered Computing, UF	Apr 21
Invited Panelist, *Prospects of New Technologies during Pandemic Situation*, Jaypee University, India	Jun 20
Invited Panelist, *Perspectives on Grad School: A Panel Discussion*, Career Connection Center, UF	Oct 19
Invited Panelist, *Student Leadership Panel*, Career Success Institute (CSI), UF	Oct 19
Panelist, *Internships in Human-Centered Computing*, Human-Centered Computing, UF	Apr 19
Moderator, *When I was a Grad Student...*, Human-Centered Computing Group, UF	Nov 18
Invited Panelist, *Student Experiences in Graduate School*, Engg. Graduate Student Council, UF	Aug 18

GUEST LECTURES

Moving the Needle: Harnessing Data to Drive Teaching, CS Teaching and Learning   Nov 24

Introduction to Standard Template Library and Constructs in C++, Data Structures and Algorithms   Jun 18