

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 Assistant Professor, Department of Engineering Education, University of Florida, USA	Aug 20-Present
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 16, Aug 17-Present
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	Aug 17-Dec 24 (Expected)
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

[G2] <i>Preparing Computing Students for Technical Interviews through Open Educational Resources</i>	Jun 22
Course Transformation Grant, Center for Teaching Excellence & George A. Smathers Libraries, UF	
[G1] <i>CS Identity Development Interview Project</i>	Jun 18
ACM SIGCSE Special Award, Special Interest Group on Computer Science Education	
Co-shared with my advisor: Dr. Christina Gardner-McCune	

AWARDS & SCHOLARSHIPS

[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 6007 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	
		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	
		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

Last Updated: December 2024

		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

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 JOURNAL PAPERS

- [J1] IEEE Transactions on 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>

REFEREED FULL CONFERENCE PAPERS

- [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.
- [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>

UNREFEREED POSTERS

- [Po1] CMU LearnLab Summer School 18 Categorizing and Predicting Learners in an Introductory Programming Course offered through Open-Learning Initiative.
Kapoor, A. & Gupta, S.

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
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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 <i>Maness, Heather, Sharp, C., Cruz Castro, L. & Kapoor, A.</i>	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 <i>Goncher, A. & Kapoor, A.</i>	Oct 21
[T6]	The UF Faculty and Staff Symposium, Career Connections Center, UF	Lessons from Students Experiences Outside of the Classroom <i>Gardner-McCune, C., & Kapoor, A.</i>	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 <i>Rader, P., Walther, A., & Kapoor, A.</i>	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: <i>Posters Track</i>	Nov 24
ACM SIGCSE Conference 2024: <i>Posters Track</i>	Oct 23
ACM SIGCSE Conference 2022: <i>Experience Reports & Tools Track</i>	Sep 21

Invited Reviewer,

Taylor & Francis, Computer Science Education Journal	Jan 24, Dec 24
ACM CHI Conference 2024: <i>Research Paper Track</i>	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
ACM Interaction Design and Children (IDC) 2021 Conference	Feb 21
ACM CHI Conference 2021: <i>Late Breaking Works</i>	Jan 21

Last Updated: December 2024

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)

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, Swampacks Hackathon, UF

Jan 22

Curriculum Committee Member, Engineering Education Department, UF

Aug 20-Jul 22

SERVICE (CONFERENCES)

Co-Chair, Posters Track, ACM ITiCSE 2025 Conference

Aug 24-Present

Session Chair, ACM SIGCSE 2024 Conference

Mar 24

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-Present

[M13] WiNG.it - Behavioral Interview Preparation
Rachel Pu

Aug 24-Present

	<i>Chelsea Nguyen</i>	Aug 24-Present
[M12]	Help-seeking behaviors of students that attend drop-in tutoring for CISE courses <i>Esse Ciego</i> <i>Skyler Steiert</i>	Aug 24-Present Aug 24-Present
[M11]	Predicting Student Participation in Industry Internships <i>Kristen Moy</i> <i>Divya Verma</i> <i>Wyatt Harris</i>	Jan 24-Present Jan 24-Present Jan 24-Present
[M10]	Assessing student needs and misconceptions in Data Structures courses <i>Emily Jiji</i>	Aug 23-Dec 23
[M9]	Skillbit: Platform for hosting Web Development related Technical Interviews <i>David Noguera</i> <i>Daniel Lai</i> <i>Tyler Haisman</i> <i>Blake Rand</i> <i>Matthew Jung</i>	Aug 23-Present Aug 23-Present Aug 23-Present Aug 23-Present Aug 23-Dec 23
[M8]	Developing Open Educational Resources for Technical Interviews <i>Meaghan Estrada</i> <i>Matthew DeGuzman</i>	Jan 23-May 23 Jan 23-May 23
[M7]	Identifying and nudging at-risk students in computing courses <i>Adrien Chen</i> <i>Matthew Marchio</i>	Aug 22-May 24 Aug 22-Dec 22
[M6]	Evaluating Technical Interview Preparation Activities [C11] <i>Sajani Panchal</i>	May 22-Apr 23
[M5]	Build Programming: an instructional strategy for scaffolding code reading [C12] <i>Leon Kwan</i> <i>Tianwei Xie</i>	Jan 22-Mar 23 Jan 22-Mar 23
[M4]	Edugator: Platform for running short programming problems [C13] <i>Joseph Hardin</i> <i>Daniel Lai</i> <i>Blake Rand</i> <i>Matthew Jung</i> <i>Dustin Karp</i> <i>Maeloni Pompilio</i> <i>Kunyao Wang</i>	May 21-Jun 23 Jan 23-Apr 23 Jan 23-Apr 23 Jan 23-Apr 23 Aug 22-Apr 23 Aug 22-Dec 22 May 21-Aug 21
[M3]	Eliciting Course Feedback through a Bug Bounty Program [SC3] <i>Andrew Penton</i> <i>Hamish Pierpont</i>	Aug 21-Dec 21 Aug 21-Dec 21
[M2]	CSEd@Clubs: An ethnographic investigation of students' learning in Computing Clubs [P6] <i>Brooke Nelson</i> <i>Charlie Hobson</i> <i>Beatrice Villanueva</i>	May 23-Mar 24 Jan 20-May 20 Aug 19-Dec 19
[M1]	Modeling learners in an Introductory Programming Course <i>David Fussell</i>	Nov 18-Oct 19

SENIOR PROJECTS SUPERVISED

[S22]	Hydration <i>Prayuj Tuli, Ty Halpen</i>	Aug 24-Dec 24
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[S21]	Balance Buddy <i>Sofia Celestrin, William Garcia, Lindsey Hannah, Alex Hu</i>	Aug 24-Dec 24
[S20]	Gator Library: E-learning Video Platform <i>Robert Fontan, Aryan Talekar, Sammy Masri, Neha Kallamvalli</i>	Jan 24-Apr 24
[S19]	Prettier-er: A Customizable Prettier VS Code Plugin for improving Code Quality <i>Adrien Chen, Lauren Bartyczak, Joshua Hughes, Sajani Panchal, and Syed Abbas Shah</i>	Jan 24-Apr 24
[S18]	The DSA Duckies – Guppie Grader: Using LLMs to grade project code analysis reports. <i>Kevin Allen, Benjamin (Benny) Cortese, Alexander (Alex) Duffaut, Yair Temkin</i>	Jan 24-Apr 24
[S17]	VAC.JS: utility tools for assessments and improving accessibility in e-learning <i>Alyssa LaSalle, Colbi Hopkins, Jenny Evans, Samantha Barthelemy, Valentina Aguilar</i>	Aug 23-Dec 23
[S16]	ParticiGator: Web and mobile platform for promoting and assessing engagement in CISE discussions <i>Julia Harbord, Robin Fintz, Andrew Penton</i>	Jan 23-Apr 23
[S15]	Metraverse: Tool to develop self-regulation in students via nudge techniques <i>Cameron Kozlin, Daniel Lewis, Parker Romero</i>	Jan 23-Apr 23
[S14]	EduGator: Study Guide Enhancements <i>Maggie Tieu, Katrina Erillo, Vida Tonkova</i>	Jan 23-Apr 23
[S13]	EduGator: Multi-Language Programming Support <i>Nitin K. Ramadoss, Herman A. Gonzalez, Jose A. Cabrera</i>	Jan 23-Apr 23
[S12]	Webosity: Platform for learning Web Fundamentals <i>Maanasi Vadlamani, Emily Kelsey, Chris Henesy</i>	Aug 22-Dec 22
[S11]	Modeling Determinants of Securing Industry Internships in Computing [C10] <i>Megan Wolf</i>	Jan 22-Apr 22
[S10]	MediaTrackerr A Web Application for Storing Book Media Inventory and Information <i>Sijia Li, Jada Allen, Emily Arnold, David Rowe, and Daniel Giampaolo</i>	Jan 22-Apr 22
[S9]	Gator.sol – Blockchain Education Senior Project <i>Colin Naehr, Jack Driscoll, Kyle Strout, and Connor Wilson</i>	Jan 22-Apr 22
[S8]	EduGator Database Migration and Template Generation <i>John Dillon, Lindsay Dobrie, Jahdiel Suarez, Andrew Whigham, and Abdullah Yuksel</i>	Jan 22-Apr 22
[S7]	Interactive, WYSIWYG Learning Content on the EduGator Platform <i>Robert McAdam and Dominik Andrzejczyn</i>	Jan 22-Apr 22
[S6]	EduGator Admin: Coding Problem Management and Grading Application <i>Marc Diaz, Tanner Ropp, Hamish Pierpont, Dhruv Patel, Josh Dargan, Adrian Salazar</i>	Aug 21-Dec 21
[S5]	GatorNexus: A Tool for Visualizing Computing Internships <i>Abinai Pasunuri, Roberto Pantoja Bacallao, and Ricardo Golac Barriga</i>	Jan 21-Apr 21
[S4]	Creating Connections: Testing Virtual Reality in Classroom Interaction <i>Joseph Gravelle, Caleb Steinmetz, Andrew Helms, Kiara Kubo, and Valerie Prater</i>	Jan 21-Apr 21
[S3]	A Smart Blocker for Flexible YouTube Distraction Blocking <i>George Kolasa</i>	Jan 21-Apr 21
[S2]	Interactive Battleship Game <i>Peyton Marinelli, Mark Lawrence, Alexis Vega, Michael Wollenhaup, and Fouad Diff</i>	Jan 21-Apr 21
[S1]	Modeling CS Identities to Determine Employability in Industry Internships [C10] <i>Charlie Hobson</i>	Aug 20-Dec 20

UNDERGRADUATE HONORS THESIS

[H8]	Augmented Reality in Public Safety: Exploring Spatial Cognition with HoloLens2 for Enhanced First Responder Coordination <i>Haohui Bao</i>	Apr 24
[H7]	GitHub in the Classroom: Exploring Documentation Enhancement Through Hands-On Experience (Chair) <i>Sara Osmanovic</i>	Apr 24
[H6]	Nudge Reminder - Investigating the Efficacy of Nudge Emails on Student Performance (Chair) <i>Adrien Chen</i>	Apr 24
[H5]	Simulating Material Removal of Magnetic Field-Assisted Finishing <i>Dylan Rautenstrauch</i>	Apr 24
[H4]	Unveiling the Pedagogical Potential of ChatGPT: A Comprehensive Study in UF's CISE Dept. <i>Christina Kohlbeck</i>	Apr 24
[H3]	Optimal supervised reduction of high dimensional feature spaces in cancer transcriptomics <i>Richard Bailey</i>	Apr 23
[H2]	STEM DAO: The future of STEM education (Chair) <i>Relly Valentine</i>	Dec 22
[H1]	Analyzing the Impact of Homework Submission Times on Student Performance in an Introductory Programming Course <i>Samia Gilani</i>	Dec 21

INDIVIDUAL STUDIES SUPERVISED / OTHER COURSES

[O2]	L3Harris Technologies Internship UF Advisor <i>Alexia Martin</i>	Dec 21
[O1]	UF Otolaryngology Patient Education Application <i>Dhrubo Mondal</i>	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 <i>First Year Faculty Teaching Academy Workshop</i> , UF	Aug 21
Co-led the <i>Introduction to GUI Workshop</i> , Gatorloop, UF	Sep 19
Led the <i>Resume and CV workshop</i> , Intelligent Multimodal Human-Computer Interaction for Undergraduates Program, UF	Jul 19
Selected for SIGCSE '19 workshop, <i>Integrating accessibility into Computer Science</i>	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, <i>Modeling Global Competencies for Computing Education</i> , ITiCSE '18	Jun 18

PANELS

Invited Panelist, <i>Leadership, community, and innovation in engineering</i> , 2024 Flagship Leadership Summit, UF	Oct 24
Invited Panelist, <i>Understanding How UF is Preparing Students for Tomorrow's Workforce</i> , Career Connection Center, UF	Jun 24
Invited Panelist, <i>Forming our Identities through Networking and Development</i> , UF	Aug 22

Panelist, <i>Cross-Cultural Education in Engineering</i> , SwampCon 2021, Florida	May 21
Invited Panelist, <i>HCI jobs in Academia</i> , Human-Centered Computing, UF	Apr 21
Invited Panelist, <i>Prospects of New Technologies during Pandemic Situation</i> , Jaypee University, India	Jun 20
Invited Panelist, <i>Perspectives on Grad School: A Panel Discussion</i> , Career Connection Center, UF	Oct 19
Invited Panelist, <i>Student Leadership Panel</i> , Career Success Institute (CSI), UF	Oct 19
Panelist, <i>Internships in Human-Centered Computing</i> , Human-Centered Computing, UF	Apr 19
Moderator, <i>When I was a Grad Student...</i> , Human-Centered Computing Group, UF	Nov 18
Invited Panelist, <i>Student Experiences in Graduate School</i> , 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