**Emily Jensen**
emily.jensen@colorado.edu
emilykjensen.github.io

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**EDUCATION**

PhD in Computer Science and Cognitive Science
*University of Colorado Boulder* 2018 - Present

BS in Mathematics, summa cum laude
BA in Cognitive Science, summa cum laude
*Case Western Reserve University* 2018

**RESEARCH**

Research Assistant Appointment
*University of Colorado Boulder* Fall 2018 - Present

Undergraduate Researcher
*REU at Florida Institute of Technology* Summer 2017

**PUBLICATIONS**

## In Review

**Jensen, E.**, et al. *What You Do Predicts How You Do: Prospectively Modeling Student Quiz Performance Using Activity Features in an Online Learning Environment.* Submitted to Learning Analytics and Knowledge 2021 (LAK21) Conference.

**Jensen, E.**, Pugh, S.L., and D'Mello, S.K. *A Deep Transfer Learning Approach to Automated Teacher Discourse Feedback.* Submitted to Learning Analytics and Knowledge 2021 (LAK21) Conference.

Peffer, M., **Jensen, E.**, and Raza, A. *Writing Science: How to Showcase your Work to a Wider Audience.* Workshop submitted to Learning Analytics and Knowledge 2021 (LAK21) Conference.

## 2020

**Jensen, E.**, et al. (2020). *Toward Automated Feedback on Teacher Discourse to Enhance Teacher Learning.* Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems Proceedings (CHI 2020). doi:10.1145/3313831.3376418

## 2019

**Jensen, E.**, Hutt, S., and DMello, S. K. (2019). *Generalizability of Sensor-Free Affect Detection Models in a Longitudinal Dataset of Tens of Thousands of Students.* Proceedings of the 12th International Conference on Educational Data Mining (EDM 2019). International Educational Data Mining Society. [link to paper]

### 2018

Bryan, K.J., Solomon, M., **Jensen, E.**, et al. (2018). *Classification of Rail Switch Data Using Machine Learning Techniques.* ASME/IEEE Joint Rail Conference, 2018 doi:10.1115/JRC2018-6175.

## PRESENTATIONS

### 2020

*Toward Automated Feedback on Teacher Discourse to Enhance Teacher Learning.* (April 15, 2020). Poster at CU Boulder Institute of Cognitive Science, Boulder, CO.

### 2019

*Generalizability of Sensor-Free Affect Detection Models in a Longitudinal Dataset of Tens of Thousands of Students.* (July 5, 2019). Conference talk at Educational Data Mining 2019 Conference, Montréal, Canada.

*Generalizability of Sensor-Free Affect Detection Models.* (April 18, 2019). Poster presentation at CU Boulder Graduate Research Expo, Boulder, CO. [won best presentation]

*Generalizability of Sensor-Free Affect Detection Models.* (April 12, 2019). Poster presentation at CRA-W Grad Cohort, Chicago, IL.

## TEACHING

### Spring 2021

CSCI 3202: Introduction to Artificial Intelligence. (Teaching Assistant)

### Fall 2020

CSCI 5100/6100: Computer Science Colloquium. (Teaching Assistant)

- Taught strategies for interacting with technical talks from a variety of research areas.
- Responsibilities included providing feedback on student responses and questions to the colloquium talks.

CSCI 6000: Introduction to the Computer Science PhD Program. (Teaching Assistant)

- Taught basic research skills and strategies to be successful in the program.
- Responsibilities included providing feedback on reading responses and organizing panels of current and recently graduated students.

## SERVICE AND LEADERSHIP

Computer Science Graduate Student Association

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|---|---|
| *Representative to graduate student government* | Fall 2018 - Spring 2019 |
| *Student member of faculty seach committee* | Spring 2019 |
| *Student member of department Graduate Committee* | Fall 2019 - Spring 2020 |
| *Developed and analyzed survey of graduate student well-being* | Spring 2019, 2020 |
| *Vice Chair* | Spring 2020 - Fall 2020 |
| *Chair* | Spring 2021 - Present |

Graduate and Professional Student Government

*Computer Science department representative* — Fall 2018 - Spring 2019

- Served on travel awards committee
- Served on graduate housing advisory committee

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|---|---|
| *Graduate Senator to CU Student Government* | Fall 2018 - Spring 2019 |
| *Director of Communications* | Fall 2019 - Present |

ACM International Conference on Multimodal Interaction

*Conference Webchair* — 2018

## OUTREACH AND MENTORSHIP

Masters Students

- Tetsumichi Umada — 2019-2020

Undergraduate Students

- Xuefei Sun — 2019

High School Students

- Conner Malley — 2019

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|---|---|
| Graduate Peer Mentor | 2019, 2020 |
| Science Fair Judge at Colorado STEM Academy | 2019, 2020 |

## AFFILIATIONS

Association for Computing Machinery/SIGCHI

Phi Beta Kappa Academic Honor Society, *Ohio Alpha Chapter*

Pi Mu Epsilon National Honorary Mathematics Society, *Ohio Sigma Chapter*

Phi Sigma Rho engineering sorority, *Omicron Chapter*

## HONORS AND AWARDS

Outstanding Service Award

*University of Colorado Boulder* — 2020

Department Student Travel Award

*University of Colorado Boulder* — 2020

Best Research Poster

*University of Colorado Boulder* — 2019

Computer Science Departmental Fellowship

*University of Colorado Boulder* 2018

Webster Godman Simon Mathematics Award
*Case Western Reserve University* 2018

President's Commendation for outstanding service
*Phi Sigma Rho National Sorority* 2017

Phi Beta Kappa Prize for outstanding sophomore in liberal arts and sciences
*Case Western Reserve University* 2016