# Emily Jensen

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emilykjensen.github.io

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| **EDUCATION** | PhD in Computer Science and Cognitive Science<br>*University of Colorado Boulder* | 2018 - Present |
| | BS in Mathematics, summa cum laude<br>BA in Cognitive Science, summa cum laude<br>*Case Western Reserve University* | 2018 |
| **RESEARCH** | Research Assistant Appointment<br>*University of Colorado Boulder* | Fall 2018 - Present |
| | Undergraduate Researcher<br>*REU at Florida Institute of Technology* | Summer 2017 |

## PUBLICATIONS

### In Review

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.

D'Mello, S.K., and **Jensen, E.** *Emotional Learning Analytics.* Submitted to Handbook of Learning Analytics.

### 2021

**Jensen, E.**, et al. *What You Do Predicts How You Do: Prospectively Modeling Student Quiz Performance Using Activity Features in an Online Learning Environment.* Proceedings of the 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.* SProceedings of the 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
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|---|---:|
| *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
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| *Conference Webchair* | 2018 |

**OUTREACH AND MENTORSHIP**

Masters Students
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|---|---:|
| • Tetsumichi Umada | 2019-2020 |

Undergraduate Students
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|---|---:|
| • Xuefei Sun | 2019 |

High School Students
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|---|---:|
| • 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<br>*University of Colorado Boulder* | 2020 |
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| | Department Student Travel Award<br>*University of Colorado Boulder* | 2020 |
| | Best Research Poster<br>*University of Colorado Boulder* | 2019 |
| | Computer Science Departmental Fellowship<br>*University of Colorado Boulder* | 2018 |
| | Webster Godman Simon Mathematics Award<br>*Case Western Reserve University* | 2018 |
| | President's Commendation for outstanding service<br>*Phi Sigma Rho National Sorority* | 2017 |
| | Phi Beta Kappa Prize for outstanding sophomore in liberal arts and sciences<br>*Case Western Reserve University* | 2016 |