

MARIAH BRADFORD

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Windsor, CO 80550

EDUCATION

PhD	Colorado State University, Computer Science	In Progress
BS	Colorado State University, Computer Science	May 2022
BS	Colorado State University, Psychology	May 2022
AS	Community College of Denver, Psychology	May 2018

RESEARCH EXPERIENCE

Undergraduate Research Assistant, Colorado State University
September 2021 - May 2022

- Collected data, developed data processing pipelines, performed data analysis, and communicated my work
- Poster published at EDM 2022

Graduate Research Assistant, Colorado State University
May 2022 - Present

- Designing and executing studies, gaining approval to complete human-subjects research, developing data processing pipelines, training and comparing models, performing data analysis, and communicating my work
- Proposed and awarded a grant
- Two workshop papers published at AIED 2022

PUBLICATIONS

Bradford, M., Hansen, P., Beveridge, R., Krishnaswamy, N., and Blanchard, N. (2022). A deep dive into microphones for recording collaborative group work. In *International Conference on Educational Data Mining (EDM)*. International EDM Society.

Bradford, M., Hansen, P., Lai, K., Brutti, R., Dickler, R., Hirshfield, L. M., Pustejovsky, J., Blanchard, N., and Krishnaswamy, N. (2022). Challenges and Opportunities in Annotating a Multimodal Collaborative Problem Solving Task. In *Interdisciplinary Approaches to Getting AI Experts and Education Stakeholders Talking Workshop (Bridging AIED)*. International AIED Society.

Castillon, I., Venkatesha, V., VanderHoeven, H., Bradford, M., Krishnaswamy, N., and Blanchard, N. (2022). Multimodal Features for Group Dynamic-Aware Agents. In

Interdisciplinary Approaches to Getting AI Experts and Education Stakeholders Talking Workshop (Bridging AIEd). International AIEd Society.

RESEARCH AWARDS

iSAT Trainee Grant. Funded \$2,500.

2022

SKILLS

Problem Solving

- Breaking problems down into manageable pieces
- Approaching problems from different angles

Communication

- Working well with other people
- Sharing ideas and asking meaningful questions

Software Development

- Python, Java, C++, and more; learning new languages on my own
- Working with software developed by other people

Time Management

- Creating and following a schedule
- Setting and meeting time-oriented goals