

# MARIAH BRADFORD

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## EDUCATION

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

## RESEARCH EXPERIENCE

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**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

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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.*

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## RESEARCH AWARDS

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iSAT Trainee Grant. Funded \$2,500.

2022

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## SKILLS

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### **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