CASSANDRA BRIMMER

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EDUCATION

BS in Computer Science and Mathematics, Gettysburg College   Graduated May 2022
Magna Cum Laude

- Computer Science Departmental Honors
- Capstone Project: Augmented Reality Mobile App to Model Chemistry Molecules
- J. Rogers Musselman Award in Mathematics

TECHNICAL SKILLS

SAP	Excel	Python	Machine Learning
C++	Java	LaTeX	Statistics

PROJECTS

Mayo Clinic STRIP AI Kaggle Competition Python, TensorFlow, OpenSlide   Kaggle

- Created a Convolutional Neural Network to classify stroke type experienced based on images of patients' blood clots.
- Implemented TensorFlow library for Neural Network.
- Implemented OpenSlide library to read TIFF files.
- Placed in top 7% for accuracy.

Eureka!XR Unity, AR Foundation, C#, Google ARCore, JSON

- Created a UI feature to let user create info box using location and image files from phone.
- Retrieved data from JSON files to recreate previous info boxes.
- Implemented AR Foundation and ARCore libraries to place info boxes in real world environment.

EXPERIENCE

Production Coordinator   March 2023 - Present
Insight Global   *Lititz, PA*

- Improved median batch record review cycle time by approximately 4 days.
- Maintain and improve raw material inventory management in SAP for Oral Care business unit.
- Provide technological support for Oral Care and Personal Care Business Units' Batch Record Review Dashboards in Excel.

Tutor/TA   November 2022 - March 2023
Coursello   *Remote*

- Independently lead groups of 4 ELL students in Geometry exercises.
- Prepare classroom materials in both English and Spanish.
- Keep track of student participation and performance to address students' areas of improvement.

Software Developer   June 2022 - December 2022
Self-Employed   *Harrisburg, PA*

- Use Unity to create augmented reality mobile application prototype.
- Collaborate with client to identify end-user requirements and specifications.
- Create and debug MVP based on requirements.