

# Shea Kerry

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## Education

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**Georgia Institute of Technology, Atlanta, GA**

**Expected Graduation: May 2024**

- GPA 3.96/4.0, Faculty Honor Spring 2021
- Candidate for Bachelor of Science in Biomedical Engineering
- Certificate in Marketing
- Janice and Charles Ligon Women in Engineering Scholarship, Coca-Cola Scholar, Lindquist Department Scholar (Science), Carver Lions Club Scholar, and Chaska Kiwanis Club Scholar

**Chanhassen High School, Chanhassen, MN**

**Graduated: June 2019**

- GPA 3.979/4.0, Dean Honor List 1, National Honor Society

## Skills

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**Technical:** MATLAB, Prototyping, Personas, User Stories, Analysis, Bias, Marketing Intelligence Report

**Communication** - Lab Reports, Portfolios, Engineering Logbook

## Research

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**BMED 1000 - Dracunculiasis, Georgia Tech**

**August 2020 - December 2020**

- Research possible ways to eradicate Guinea Worm Disease for the Carter Center
- Analyzed bias and created personas, prototypes, concept maps, and a portfolio for a filtration system to eliminate larvae from standing water

**Field Research - Bioinformatics, Costa Rica**

**September 2017 - August 2018**

- Studied and used bioinformatics to find ways to solve global malnutrition using the IMG database

**Field Research - Leafcutter Ants, Costa Rica**

**October 2016 - August 2017**

- Researched Leaf Cutter ants in the Rincon Rainforest of Northwestern Costa Rica
- Analyzed Leafcutter Ant colonies and how they operate to understand how they produce antibiotics to protect their colonies from fungus for over 15 million years
- Studied ways to protect and develop new antibiotics from superbugs

## Experience

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**Sheabella Designs, Carver, MN (Remote)**

**May 2016-Present**

- Created company to fund my field research trips, gap year, higher education, and to help support my local community
- Sell handmade earrings, pencil pouches, toiletry pouches, coin pouches, pot scrubber, hanging towels, and heating pads
- Researched supplies to value engineer my brand without compromising the integrity of the unique design of each product
- Designed table displays, created business cards, signage, labels, and packaging for products

**Gap Year, Khombole, Senegal**

**August 2019 - March 2020**

- Selected to be a Global Citizen Year Fellow based on scholar, leadership, and passion to create change
- Lived with a host family and learned the local languages (Wolof and Pular) and French

## Activities

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**Georgia Tech**

**Engineering Without Borders - GT**

**August 2020 - Present**

- Communication Co-lead and Technical team member for the Malawi Project
- Communicate with Head Mistress, local leaders, community members, and contractors to help build latrines for a primary school

**Club Lacrosse Team**

**August 2021 - Present**

- Defensive player

**Alpha Chi Omega - Sorority**

**January 2022 - Present**

- Support my fellow sisters and volunteer with Atlanta Domestic Violence Shelter

**Chanhassen High School**

**Lacrosse**

**February 2015 - June 2019**

- Youth Coach, Captain, MN Elite, Under Armor All America Midwest Team, and Ms. Lacrosse Finalist