

SAYEEDA AISHEE

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EDUCATION

Cornell University

Bachelor of Engineering, Computer and Information Science

ITHACA, NY

MAY, 2022

- 3.4/4.0 GPA (Major) | 3.2/4.0 GPA (Cumulative)
- Relevant Coursework: Design and Programming for Web Development, Object Oriented Programming, Machine Learning
- Technical Skills: Sketch, Figma, Java, Python, R, HTML/CSS, PHP, SQL, AutoCAD

PROFESSIONAL EXPERIENCE

TOYOTA NORTH AMERICA

DALLAS, TX

INFORMATION SYSTEMS CO-OP

JUN, 2020 – AUG, 2020

- Advised 3 Scrum Teams on designing weld quality checks, forecasting COVID-19's impact on plant employees, and developing user friendly A3s.
- Saved **\$1.3 M** by automating weld quality analysis through **Python**, increasing efficiency by 50% and product retention rate by 99%.
- Designed a user friendly forecasting model of COVID-19 data and provided critical information on its impact on employees making HR policies well informed and employee friendly.

UNIVERSITY OF TEXAS

EDINBURG, TX

NANO-SCIENCE RESEARCHER

JUN, 2019 – AUG, 2019

- Designed smart antibacterial and UV protectant cotton fibers that auto-cleanses using silver semiconducting nanoparticles.
- Reduced uniform replacement cost of medical and defense personnel by 30%.

NATIONAL SCIENCE FOUNDATION

ITHACA, NY

SUMMER RESEARCH ANALYST

JUN, 2018 – AUG, 2018

- Informed businesses how to make Alternative Fuel Vehicles more marketable by designing a consumer choice model using Machine Learning in **R**, so that they are both sustainable and profitable..
- Presented at The CNF conference with 100+ audience & awarded the *Innovation Award* for most innovative presentation on the future of transportation.

LEADERSHIP & ACTIVITIES

MEYE

EDINBURG, TX

FOUNDER

MAY, 2019 – PRESENT

An international campaign for underprivileged girls and women of Bangladesh to provide low-cost, sustainable menstrual products that require minimal maintenance and last a lifetime.

- Raised \$1500 to form grassroots fundraising by designing an online platform using **php, html, javascript, sketch**, and **css** to raise awareness about the organization.
- Promoted women's empowerment by holding public workshops and informing communities factual information about menstruation to reduce stigma.

AGUACLARA

ITHACA, TX

DESIGN TEAM LEAD

JAN, 2019 – DEC, 2019

- Reduced the cost of wastewater treatment by 5% at the Ithaca Wastewater Treatment Facility by designing and implementing an Upflow Anaerobic Sludge Blanket(UASB).
- Improved the efficiency of an automatic AguaClara Water Treatment Facility Design system by designing and coding filter templates and constraints on **OnShape** and **Python**.

INTERESTS

Organizations: Society of Women Engineers, Underrepresented Minority in Computing, Women In Computing at Cornell

Interests and Languages: Tae Kwon Do, Meditation, Painting, Hindi (fluent), Bangladesh (fluent), Spanish (conversational)