JAHIN AISHEE

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jahin.design

EDUCATION

Cornell University, Ithaca, NY **| Expected**: May 2022
Candidate B.Sc.E Information Science, Systems, and
Engineering; Business Minor

Course Work: Design and Programming for Web
Development, Object Oriented Programming, Machine
Learning
Design and Coding: Figma, Javascript, HTML/CSS,
PHP, OnShape, AutoCAD, SQL, Java, Python

WORK EXPERIENCE

Toyota | Information Systems Co-Op
Dallas, TX | Jun. 2020 - Aug. 2020
· Designed a user friendly COVID-19 cases forecasting
  dashboard and provided critical information on its
  impact on employees making HR policies well informed
  and employee friendly.
· Saved $1.3 M by automating weld quality analysis
  through Python, increasing efficiency by 50% and
  product retention rate by 99%.
· Advised 3 Scrum Teams on designing weld quality
  checks, forecasting COVID-19's impact on plant
  employees, and developing user friendly A3s.

University of Texas | Researcher
Edinburg, TX | May 2018 - Aug. 2018
· Designed 3D 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 | Research Aide
Ithaca, NY | May 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.

EXTRACURRICULAR & PROJECTS

MEYE | Founder
May 2019 - Present
· Raised $1500 to form grassroots fundraising by
  designing an online platform using php, html, javascript,
  sketch , and css to raise awareness about the
  organization - meye.website.
· Promoted women's empowerment by holding public
  workshops and informing communities factual
  information about menstruation to reduce stigma.

Thread | Web-Developer
Ithaca, NY | Jan. 2020 - Present
· Maintained the online representation and website of
  Cornell's fashion magazine with a team of 15+ people.

Netflix Case Study | Product Designer
Ithaca, NY | Jun. 2020 - Jul. 2020
· Designed friends feature within the Netflix app after
  interviewing diverse users to solve their pain points.

AguaClara | Research Team Lead
Ithaca, NY | 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.

ACCOLADES & MEMBERSHIP

Publications:
(1) J. Photochem. Photobiol. A 365 (2018) 77–85.
(2) Solar Energy 171 (2018) 16–22.
(3) Proc. AIChE Annual (2016);
(4) MRS Advances, 2017, 1-8.

Membership:
Underrepresented Minorities in Computing
Women in Computing
Society of Professional Women Engineers
Cornell Gamelan Ensemble
Tae Kwon Do