Raisa
Chowdhury

Experience Designer
Email: rchowdhu@andrew.cmu.edu
Cell: (256) 424-5960
raisachowdhury.wordpress.com

Education

May 2019	**Carnegie Mellon University** Masters of Entertainment Technology
May 2017	Bachelor of Science in Mechanical Engineering Minors in Psychology and Media Design

Relevant Experience

Jan. 2018 - May 2018

Give Kids the World Animatronics Project
Experience Designer

- Designed guest experience and creative content for animatronic puppet show at Give Kids the World village.
- Developed and built light-up scepter prop for animatronic.
- Created models and props of the village and animatronic.
- Created guest and character personas as basis for story content.

Sep. 2017 - Dec. 2017

Building Virtual Worlds (BVW) Artist and Producer
Entertainment Technology Center Course

- Developed fully imagined, completed virtual worlds and games in 2 to 3 week rounds in five person groups.
- Designed and iterated on environments for overall experience.
- Created artist models, textures, and rigs for 3D characters and props using Maya.
- Built full-scale, working props and games for certain rounds.

Apr. 2016 - May 2017

Alpha Chi Omega
Booth Experience Designer

- Designed overall theme and layout of a two-story immersive booth for CMU's Spring Carnival.
- Took a concept from blue sky, to research, to storyboarding, and finally implementation of the design.
- Produced, created and crafted immersive designs using a limited budget of $1000.
- Led group of over sixty sorority sisters in fabricating and executing a "Hanging Gardens of Babylon" design.

May 2016 - Aug. 2016

Universal Orlando Summer Internship
Universal Creative Engineering

- Researched and tested various new technologies for implementation in future rides and attractions.
- Created multiple reports of findings to be used by other employees in implementing new technologies.
- Conducted hand-calculated and computer-simulated structural analysis of models for future attractions.
- Assisted in safety testing and structural analysis of current rides and attractions.

Relevant Courses

Experience Design
Building Virtual Worlds
Engineering Design II
Information Design
Themed Entertainment Design Studio
DIY Design & Fabrication
Crosscultural Psychology
Theme Park Design
Machine Shop
Principles of Computing
Cognitive Psychology
Personality
Intro to Media Synthesis
Interpretation & Argument

Skills

Computer
Maya
Adobe Photoshop
Adobe Illustrator
Adobe Premiere
SolidWorks
MATLAB
MS Office
VICON Motion Capture
Pepakura
Python 3
Lua

Spoken Languages
Fluent in English and Bangla
Conversant in Spanish

Activities

Sigma Nu buggy driver
    2015 - 2017 competitions
"Mermaidology" student teacher
    2014 - 2015 course
Girl Scouts
    2004 - 2013

US Citizen