RIDA HABIB

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EDUCATION

University of Maryland, College Park Expected Graduation: May 2022
B.S Information Science
Cumulative GPA: 3.2

PROFESSIONAL EXPERIENCE

Exelon (BGE) 2020 Internship **June 2020 - August 2020**

- Analyzing and extracting customer data using web applications such as Access Suite 8 and CC&B in order to complete field activities involving client meters
- Eliminating backlog of tickets in order for customers to be billed in a timely manner
- Effectively communicating and collaborating as a team remotely using Microsoft Teams and Skype
- Converting manual processes to electronic processes through company applications

Polymer Processing Research Internship - University of Maryland **June 2019 - August 2019**

- Designing a more efficient way to develop a low volume nuclear battery utilizing CAD software and creating sketches for different prototypes of the battery
- Working as a team to develop solutions to issues with prototypes such as solution overflowing and leading to the circuit being shortened
- Brainstorming various materials that could be utilized such as epoxy layers to solve these issues
- Studying articles previously completed by other engineers to compare/contrast their approaches, materials used, and previous successful designs.

PROJECTS

Personal Website

- Developed in HTML5 to create foundation of website consisting of a home page, about page, and navigation bar
- Utilized CSS3 for customization by modifying style elements such as font, color, animations, etc.
- Designed easy navigation using hrefs that allow user to traverse through pages
- Organized all sections of the site with Flexbox and CSS Grid in order for pictures and logos to display correctly

Poker - Game simulation

- Implementation of Texas Hold 'Em game with graphical interface
- Model implemented via Deck class; methods to shuffle deck, get/set properties of deck
- Controller implemented via PokerHandEvaluator class; methods to analyze current state of deck and determine value of hand (two pair, full house, flush, etc) utilizing internal algorithm

Skills Profile

- Development with Eclipse, Arduino IDE, Matlab, Jupyter Notebooks, RStudio
- Programming languages: Basics of Java, Python, R
- CAD 3D Design Software for 3D printing
- Web Design: Html, CSS, Javascript
- Languages: Speak fluent Urdu and Hindi, conversational in Spanish

Leadership and Extracurricular

- Member of Event Operations Committee for all-women Hackathon Technica
- Director of Finance of Kappa Theta Pi Professional Technology Fraternity
- BitCamp (hackathon) at UMD
- Student participant in Project IMAGE daily diary