Muiz Sohani

MUIZ.SOHANI@UWATERLOO.CA

647-745-3696

LINKEDIN.COM/IN/MUIZ-S

MUIZSOHANI.GITHUB.IO

Summary of Qualifications

- Developed web design skills and knowledge of HTML and CSS by designing various webpages
- Expanded knowledge of SolidWorks through academic experience and engineering teams
- Gained working knowledge of C# and C++ through academic projects
- Developed verbal and written communication skills from executive academic leadership positions
- Extensive graphic design and visual presentation skills with Canva and Sketch gained from work experience as a Research Operations Assistant

Relevant Projects

SENSORY BASED TOY

Sept. 2018 - Nov. 2018

- Designed and prototyped a sensory toy to aid children with non-verbal autism develop communication skills
- Improved user experience of toy by creating personas to develop a product that satisfied user needs
- Tested prototype durability and user engagement to measure product success using surveys and drop tests

SOLIDWORKS PROJECTS

Nov. 2018 - Dec. 2018

 Rendered 3D models of the Blue Mosque, vehicles and mechanical parts using SolidWorks to be 3D printed

MINIATURE TRUCK

Oct. 2018

 Used machine shop skills to create a miniature model of a pick-up truck out of wood and metal pieces

Relevant Experience

DESIGN LEAD

Biotechnology and Bioengineering Conference

Jan. 2018 - Present

- Develop and maintain a webpage using JavaScript and Figma to market and host conference information
- Lead the implementation of engaging and informational graphic conference materials to increase participant engagement and sponsor awareness
- Organize purchasing of outreach and delegate items to ensure materials are within budget and of high quality

JUNIOR QUALITY ANALYST

KMS Innovations Inc.

June 2018 - Sept. 2018

- Improved user experience of mobile vehicle tracking devices by testing and debugging tracking software
- Investigated hardware design issues in tracking device to reduce possibility of dysfunctionality in operation

RESEARCH OPERATIONS ASSISTANT

Trillium Health Partners

June 2017 - Aug. 2017

- Designed documents and modules to inform shareholders about research processes and procedures
- Worked alongside Web Developers to design Research section of Trillium Health Partners' website
- Researched and presented solutions for communication disconnects within company to department

Education

UNIVERSITY OF WATERLOO

Candidate for Bachelor of Applied Science in Biomedical Engineering

Sept. 2018-April 2023

Achievements and Certification

CHACHRA FAMILY SCHOLARSHIP

Sept. 2018

One of two recipients awarded \$2000 for outstanding extracurricular and academic performance