Sandesh Regmi

Computer Science Student

Calgary, AB | sandeshreg35@gmail.com | 578 578 7040 | https://regmis.github.io/

Relevant Experience

University of Calgary, Human Performance Lab

Computer Science Intern   *Summer 2018*
- ❖ Used the external package "Iso2Mesh" along with Matlab to creating an app that allows for the modelling and analysis of whole-bone CT data
- ❖ Analyzed bone-slice and whole-bone data for multiple bones in order to compile standard deviation, and other statistics using image analysis and matrix transformation

SOAR (The Student Organization for Aerospace Research)

Propulsion Team Member   *August 2017 to December 2017*
- ❖ Worked with Git to edit and learn through various "standard" code editing and development processes
- ❖ Used SolidWorks to create essential rocket parts for the engine and various electronics for the rocket. Used various
- ❖ Converted Python code to Matlab and analyzed various NO_2 release time cycles in order to optimize processes before the rocket engine ignition process

Leadership Experience

University of Calgary, Table Tennis Club

VP Finance   *August 2017 to Present*
- ❖ Worked with the People's Table Tennis Club of Calgary to maintain a university club that uses an Olympic level facility
- ❖ Managed club finances and put forward marketing campaigns which improved member turnout and retention rates.

University of Calgary, Office of Sustainability

Peer Helper   *August 2017 to Present*
- ❖ Reduced plastic straw usage on campus through cooperation with the university and various corporate representatives for companies such as Starbucks and Subway
- ❖ Organized a data collection event during the "World Water Day" fair on campus to analyze sustainability trends at the University of Calgary

Education

BSc in Computer Science   *Planning to graduate in 2022*
- ❖ Planning to specialize in Information Security

Sir Winston Churchill High School   *May 2017*
- ❖ Graduated with the International Baccalaureate program

Additional Information

- ❖ *Languages: Java, Python, C/C++, Assembly, RStudio, Matlab, HTML, CSS*
- ❖ *Fluent in Nepali and English*
- ❖ *Passionate for fantasy novels, table tennis, sustainability and volunteering*
- ❖ *Personal website with detailed project and personal information*