AHMED SHAABAN

PROFILE

I am an international student living in Vancouver, British Columbia. I have a passion for software development, photography/videography, and hiking. I am a social butterfly, and have been told that I am easy to approach. I always try my hardest to bring out the best in people in any situation with my supportive nature and sense of humour.

EXPERIENCE

COGNITIVE SYSTEMS TEACHING ASSISTANT, UBC
JAN 2020-MAY 2021

Hired for my excellent score in COGS 300 (understanding & designing Cognitive Systems), my responsibilities include assisting with in-lecture activities, grading papers, holding office hours, and leading a lab section with 20+ students, instructing them in using Unity to design & build artificially intelligent robots with Machine Learning.

STUDENT WEB DEVELOPER, UBC
SEPT 2020-PRESENT

As one of only two members of the web development team, I am largely in charge of managing the UBC mechanical engineering website's day-to-day operations using WordPress, while utilizing my creative problem solving skills using HTML, CSS, and Javascript to further enhance my design choices and personalize my implementations.

RESEARCH INTERN, COGNITIVE NEUROSCIENCE OF SCHIZOPHRENIA LAB
MAR 2020-PRESENT

Directly supervised by industry leader Dr. Todd Woodward, I am responsible for utilizing past fMRI data to generate statistically significant canonical correlations between different brain networks using IBM SPSS & MATLAB, in both healthy and schizophrenic patients. A research paper written by me during my time at this lab is currently being reviewed for publication.

RESEARCH ASSISTANT, MOTIVATED COGNITION LAB
JAN-MAY 2020

Working closely with Dr. Rebecca Todd, I assist with her research related to neurocognitive processes underlying the interaction between human emotion and cognition. My responsibilities included facilitating subjects, reorganizing MATLAB scripts, and providing feedback for studies.

AI SOCIETAL IMPACT CHALLENGE, MICROSOFT AGORIZE
OCT 2019-FEB 2020

Ambitious to win first place in this case competition, my team and I implemented a prototype for an app that used augmented reality to allow users to learn more about their immediate surroundings. Our team ranked top 20% of all 130 teams.

ATMOSPHERIC SCIENCE TEACHING ASSISTANT, UBC
SEPT-DEC 2019

Personally offered the job by Dr. Roland Stull - one of the most well-known Professors in the field, I was chosen for the position of Teaching Assistant due to my excellent score achieved in ATSC 201. Responsibilities included grading papers, helping students excel, and holding office hours.

SCIENCE WEEK EVENTS COORDINATOR, UBC
SEPT 2019-JAN 2020

As part of the Science Undergraduate Society, I was personally in charge of creating, organizing, and facilitating the events occurring during the popular Science Week at UBC, catering to over 8000 Science students

CAMPS INSTRUCTOR, GEERING UP
JUNE-DEC 2019

This very competitive position lead me into a Summer/Fall camp, where I taught the applications of STEM concepts to children between ages 7-13. I was one of few chosen to travel to Cranbrook, B.C to teach children in the indigenous community known as

GENERAL SKILLS

BILINGUAL (ENGLISH + ARABIC), LEADERSHIP, PHOTOGRAPHY, VIDEOGRAPHY, PUBLIC SPEAKING, BREADBOARD CIRCUIT DESIGN

PROGRAMMING SKILLS (PROFICIENT)

OBJECT ORIENTED DESIGN, JAVA, C++, C#, PHP, HTML, CSS, JAVASCRIPT, PYTHON, SQL, LUA, ANDROID STUDIO, ARDUINO, MATLAB, R, DRRACKET.

Portfolio URL: https://ashaabany.github.io/My-Website/

Github URL: https://github.com/ashaabany

SOFTWARE TOOLS

UNITY, FIGMA, IBM SPSS, GITHUB, ADOBE XD, FINAL CUT PRO X, IMOVIE, MICROSOFT OFFICE.

EDUCATION

UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER - FACULTY OF SCIENCE, DEGREE IN COGNITIVE SYSTEMS, 2021 (PROSPECTIVE).