

Adam Sadek

Second Year Computer Science Major at Illinois Institute of Technology

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Expertise

JAVA

Python

Video Editing

MAC Systems

Google Apps

Programming Experience

JAVA - 1.5 yrs

PYTHON - 0.5 yrs

HTML - 0.5 yrs

Extracurriculars

Islamic Community Club

In high school I started a virtual Islamic club where people could communicate with each other, ask religious questions, and share religious media. As the club leader, I provide content for the club weekly.

Basketball

I have always been a huge fan of basketball. It has been my favorite sport since I was 5 years old. Currently, I am a Division III men's basketball player at Illinois Institute of Technology.

Experience with Information Technology

COM-IoT Technologies

In high school and college I interned with COM-IoT, a Dubai-based artificial intelligence company. During my time there, I learned about how data collected by sensors mounted to a vehicle can be utilized by machine learning algorithms to help traffic control protect lives through better traffic violation detection. Learning about how software engineers build machine learning algorithms to identify objects and the speed of moving vehicles reinforced in my mind the potential for artificial intelligence and machine learning to make the world a safer place.

International Baccalaureate Higher Level Information Technology in a Global Society

This class exposed me to the social and ethical implications of how humans use IT. An example of this that interests me is the utilization of virtual reality for therapy, allowing for improved treatment of PTSD, paranoia, and certain phobias.

Education

Highschool - Dubai American Academy

Certificate of Achievement High Honors with Distinction (GPA of 4.0 or above)

I achieved this award every semester of 11th and 12th grade and once in the first semester of 10th grade. This certificate is a testament to my strong work ethic that I have developed at a young age. To achieve this award I had to be able to excel in my six international baccalaureate courses and perform on assessments remarkably well on a regular basis.

Subject Award IB Physics SL 11th Grade

Once a year, one IB SL Physics student was chosen as the SL physics student of the year. This person is selected based on their outstanding achievements in that subject. When I received this award, I had a 98 percent in SL physics. This was higher than any other SL physics student in the school.

College - Illinois Institute of Technology

Dean's List

For both semesters that I have completed at Illinois Institute of Technology, I have been on the Dean's list. I currently maintain an overall GPA of 3.83 and I expect to improve my GPA in the future. Academic focus and discipline has always been one of my strong suits.

Research

Investigating how the energy that a basketball loses after bouncing on the rim is dependant on the location at which the basketball is dropped

Measuring the effect of voltage exposure on plant growth

Investigating a bouncing basketball and the effect of air loss on its model

Designing a waterproof case for an insulin pump