

BAHJAT ABUGHARBIEH

Atlanta 100 10th St., GA 30309 | C: 470-378-8439 | E: Bahjat.mm@gmail.com

Education

Georgia Institute of Technology, Atlanta GA, December 2021

- Candidate for Bachelor of Science in Industrial Engineering
- GPA 4.0 (Faculty Honors)

Modern Montessori School, Amman, Jordan May 2018

- International Baccalaureate Diploma
- IB Score: 43
- Academic Distinction Award

Skills

Programming: Adobe Flash, Python, SQL, R

Concepts: Finance modeling (Break-Even Charts, Balance Sheet, Profit & Loss accounts), Code Programming (Python), Conditional probability, Linear Algebra, Multi-variable calculus, Discrete mathematics, Optimization, Stochastic processes

Instrumentation: Spectrometer, temperature probe, Burnett, pipette, Bunsen burner

Communication: Presentations, Email, Meetings, Lab reports

Certifications: ISO Certified Six Sigma Green Belt

Language: English, Arabic

Athletics: Basketball (Point guard), Soccer (Midfielder)

Projects

Senior Project, Spring 2018

Studied the effect of different gaps of double-glazed windows on heat insulation

- Implemented the practical types of window glass and used actual double glazed spacing
- Interacted with the community members to explore the setting
- Created a completely insulated box (modeling a normal house room) except for the different modeled glass windows
- Explored the heat insulation and rate of heat loss of the modeled windows and compared them to their actual costs

Experience

Undergraduate Research Fall 2019-Current Day

- Sports analytics research directed towards producing an algorithm to enhance the scouting process for young soccer players
- Scrapped large amounts of data from the web using python and several of its libraries (Selenium, BeautifulSoup, Regex), analyzed the data through python excel and constructed statistical models using R
- Head of the research supported by Georgia Tech and mentored by one of its finest professors

Internships

Ernest and Young Summer 2019

Service line: Assurance (Audit)

- Cross fitted and audited financial statements
- Visited 3 clients along with a group of EY employees
- Aided in auditing clients' quarterly financial information in more depth
- Produced multiple financial sheets as part of the quarterly audit

Sundown Naturals Summer 2017 *Field Researcher*

- Visited over 20 pharmacies in Jordan
- Collected information about the advertisements of Sundown and its competitors
- Investigated the opinions of managers regarding Sundown's products and their USP
- Evaluated the pricing strategies and sales of Sundown and their competitors
- Produced a report analyzing all the gathered data

Leadership

Modern Montessori School Sports, basketball team captain August 2017-May 2018

- Captained my school's basketball team
- Led my school to multiple second and third place awards

Physics and Math Club, tutoring programs, April 2016-November 2017

- Started the tutoring program and formed schedules for these programs with the help of other volunteers
- Assisted middle school and high-school students with tutoring programs
- 1-1 tutoring sessions in addition to group tutoring

Ru'yana Organization, member September 2014-May 2018

- Took part in at least 20 hours of community service each year
- Aided in collecting donations
- Directly interacted and worked with multiple refugees