

# Omar H. Osman

[omargawad9000@gmail.com](mailto:omargawad9000@gmail.com) || 413-275-8007 || [www.linkedin.com/in/ohosman04/](http://www.linkedin.com/in/ohosman04/)

## OBJECTIVE

---

- An internship or research opportunity to further familiarize myself with the different careers relating to computing so I can better articulate what I want to pursue in the future.

## EDUCATION

---

**University of Massachusetts Amherst- Commonwealth Honors College** Amherst, MA  
**Manning College of Information and Computer Sciences**

*Bachelor of Science in Computer Science*

*Undergraduate, May 2026*

- **Honors:** Commonwealth Honors College student, Chancellor's Merit Award Recipient

**Al Oruba International High School**

Riyadh, KSA

*High Honors Student*

*August 2019 - June 2022*

*Cumulative GPA: 4.0/4.0*

- **Awards:** Awards for Academic Excellence in Chemistry and Mathematics (2020-2022)

## RELEVANT COURSEWORK

---

**Introduction to Programming with Python**

Amherst, MA

*Completed Projects:*

*September 2022 - December 2022*

- Developed a complex program that simulates a vending machine's coin return mechanism using greedy algorithms.
- Implemented an algorithm that identifies to whom a sequence of DNA belongs using file and data manipulation.
- Designed a document retrieval program that allows a user to quickly search for words in a large set of documents.

**Object Oriented Programming**

Amherst, MA

*February 2023 - May 2023*

- Effectively utilized key concepts of the object oriented programming paradigm, including data encapsulation, information hiding, inheritance, and polymorphic methods to develop programming problems from medium to advanced complexity.
- Can confidently explain the complexity of the algorithms and programs seen and developed in class, including recursive algorithms and programs.

## EXPERIENCE & ACTIVITIES

---

**Elite Hospital**

Riyadh, KSA

*Secretarial Intern*

*January 2022 - April 2022*

- Administered front desk duties by filing >500 patient documents, scheduling >300 appointments with patients over phone-calls and in-person.
- Communicated document details to nurses in collaboration with the medical records department regarding document issues

**KKT Spine Center**

Riyadh, KSA

*Hospital Volunteer*

*November 2021 - February 2022*

- Facilitated patient rehabilitation through the use of effective communication and interpersonal interactions.
- Assisted nursing staff with administrative tasks: calls and restocking supplies, to improve the unit's efficiency.

**Self Organized Community Service**

Riyadh, KSA

*Co-Founder & President*

*May 2020 - May 2021*

- Administered cooking, packaging, and distribution process of >500 meals to lower-income neighborhoods in the local area.

**Intel BASEF Finalist**

Alexandria, Egypt

*September 2018 - March 2019*

- **Honors:** Best Project Idea Award, 2nd Place Physics Project in Upper-Egypt.

## SKILLS & INTERESTS

---

*Programming Languages:* Proficient in Python. Familiar with HTML & CSS. Currently learning Java.

*IT Skills:* Highly proficient in Video Editing. Microsoft Word, Excel, and Powerpoint Proficient.

*Languages:* Native Proficiency in English & Arabic, Elementary Proficiency in French and Japanese.

*Hobbies:* Playing volleyball, creating short films, photography, cooking, commercial aviation and aircrafts.