

# YOUSSEF ATEF

Java Developer

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## Education

### Alexandria University

Faculty of Science student majoring in Software Industry and Multimedia

Sep. 2024 – May 2028

Egypt, Alexandria

## Experience

### Java Developer Intern | Code Alpha – Remote

March 2025

- Developed a Java-based console application to manage and analyze student grades .
- Used ArrayList as an in-memory storage to dynamically handle multiple scores .
- Implemented features to calculate average, highest, and lowest grades .
- Separated logic into a dedicated class for clean structure and easier maintenance .

## Relevant Coursework

- Java Basics
- OOP
- Data Structures
- Database Management
- Online sales
- Sales Strategies
- Digital Marketing

## Projects

### Body Mass Index (BMI) | Java, VS Code

December 2024

- Developed an automatic program to calculate users' Body Mass Index (BMI).
- Selected appropriate data types for accurate BMI calculations.
- Designed clear prompts to guide users in entering required data.

### Average Grades Program | Java, VS Code

November 2024

- Developed a program to calculate students' average grades and determine the highest and lowest scores.
- Provided clear instructions to assist users in data entry.

### Hotel Reservation System | Java, OOP ,VS Code

November 2021

- Implemented a custom data structure to handle and organize complex data efficiently. .
- Built an in-memory database using ArrayList to simulate real-time data storage .
- Enabled dynamic data insertion and retrieval with clean, scalable logic .
- Achieved high code modularity by separating data handling from core application flow .

## Skills

### Programming languages:

- Python, Java, HTML/CSS, JavaScript

### Developer Tools

- VS Code, NetBeans

### Technologies

- GitHub.
- OOP Principles

### Soft Skills

- Leadership
- Problem-Solving
- Attention to Detail
- Teamwork

## Leadership / Extracurricular

- Handball Team Captain – Led the Dakahlia Governorate team to multiple championships, demonstrating teamwork, strategic planning, and leadership skills.
- Participant in the USAID Scholarship Program – Engaged in academic and personal development activities..
- Volunteer at Science Ides – Writing promotional content for educational courses and helping expand student outreach.
- Continuous Learner – Completed courses in diverse fields, including sales and communication skills, expanding knowledge beyond my main field of study.