# Mostafa Gamal Hamed Hassan

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## Objective

I am a Fresh Graduate seeking a scholarship or internship in a high-level professional environment so that I can expand my knowledge and upgrade my skills to keep up with the needs of the job market.

## Education

Beni Suef University                                                                                                       **Beni Suef, Egypt**

*Bachelor of Navigation science and Space Technology, Space Navigation (GPA: 3.27/4.00)*                    *July 2023*

## Training or Internships, and Courses

EUTS summer training                                                                                                    **Cairo, Egypt**

Orbit Propagator                                                                                                  *Sep 2022 – Jan 2023*

> The Egyptian Universities Training Satellite (EUTS) project aims to building the software packages required to operate the satellite system, design orbit propagator to predict satellites position and velocity vectors.

Fundamentals of Web Development                                                                      **Udemy,** *Jul 2022 – Sep 2022*

## Technical Skills

- Good knowledge of HTML/CSS.
- Good knowledge of JavaScript programming language.
- Good knowledge of Python programing language.
- Basic Knowledge of database & SQL.
- Good at using STK software.
- Good at using GMAT software.
- Basic knowledge of Git &GitHub.

## Projects

- ➢ GNSS Augmentation System (Graduation Project)                                                     *Nov 2022 – Jul 2023*
  - Project that aims to design an Egyptian Augmentation System to reduce the errors in Navigation services.
  - I was working in designing and simulating orbit and constellation of the system using simulation software: GMAT and STK.
- ➢ Orbit Propagator                                                                                         *Nov 2022 – Jan 2023*
  - A python program that propagates orbit using TLE and predicts position and velocity vectors, sessions of satellites, shadow and sunlight time and AER with a predefined scenario.
  - Predict position and velocity vectors, sessions of satellites, shadow and sunlight time and AER with a predefined scenario using STK.
- ➢ HTML&CSS Template
  - https://mostafagamal77.github.io/HTML_CSS-Template/
- ➢ Kasper: HTML&CSS Template
  - https://mostafagamal77.github.io/HTML_CSS-Template2/

## Languages

*Arabic(native), English (very good).*

## Personal information

Date of Birth: 7/3/2001

Military status: Exemption.