

# Maria Gomes

Software Engineer



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[github.com/Maria-Gomes](https://github.com/Maria-Gomes)

## Education

### B.SC IN COMPUTER SCIENCE

BRAC University  
January 2019 - November 2022  
3.93 CGPA on a scale of 4.00

### A LEVELS

Pearson Edexcel  
June 2018  
AAB

### O LEVELS

Pearson Edexcel  
June 2016  
6 A's

## Skills

### LANGUAGES AND TOOLS

- Java, Python, JavaScript, Git

### BACK END

- Node, Express, Django, MongoDB, MySQL

### FRONT END

- React, CSS, HTML, Bootstrap

### MACHINE LEARNING

- Pandas, Numpy, SciKit Learn

## Reference

### Md. Arifus Samad

Instructor, Think Tank

Phone: +8801671006550

### A.M. Esfar-E-Alam

Lecturer, BRAC University

Email: [esfar.alam@bracu.ac.bd](mailto:esfar.alam@bracu.ac.bd)

## Experience

### TEACHING ASSISTANT

Think Tank I 13/A Dhanmondi, Dhaka  
September 2018-Present

Teaching assistant for O and A level Chemistry under the Pearson Edexcel board. Responsibilities include:

- Invigilating and grading mock exams
- Providing lectures for both Summer and Fall candidates
- Preparing extra reading and practice material

### STUDENT TUTOR

BRAC University I Mohakhali, Dhaka  
September 2021 - January 2022

Student tutor at BRAC University for a computer science course based on software engineering:

- Managed 10 project teams in a class of 50 students
- Simulated software engineering environments focused on AGILE programming through stand ups and sprints for each team.
- Graded and reviewed student projects and sprint performance.

### MACHINE LEARNING RESEARCH

BRAC University I Mohakhali, Dhaka  
2021 - 2022

Provided key assistance in data processing for a 4 person research team investigating heterogeneous ensemble techniques and their effectiveness for multimodal emotion recognition. The research paper has been accepted for the 2022 ICCIT Conference in Bangladesh and is en route for publication

## Projects

### MANTA

A task management web app that allows users to assign tasks and deadlines for different projects as well as keep track of important events and maintain their own diary.

### PAPYRUS

A book tracking web app designed to organize books using custom book collections and to update reading progress. Users can also search for books via the OpenLibrary API.

This project is still in progress. Features that will be implemented soon include reading challenges, a recommendation system and a notification system.