

# Bassem Ahmed Mohamed

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A Technical minded person who enjoys sciences and enjoys working in hands-on roles and have wanted to be in an engineering role since a young age. I pay great attention to detail in my self-learning. I always get excited about production processes, production lines, Maintenance, Supply Chain, six sigma and CNC systems. I keep learning, I keep changing the world.

## Experience

- Teaching assistant at Benha University - Faculty of Engineering
  - Dates Employed Jul 2019 – Present (till now).
- Graduation project at construction of arc remelting furnace for recycling titanium alloys (septemper2018- July 2019).

We were performing Our Graduation Project for 2018/2019. I am acting as a Team Leader. Our project is in recycling titanium alloys and construct vacuum arc remelting furnace. Our Project is Summarized in remelting titanium alloys in vacuum atmosphere and study material properties. The grade of the project is excellent.

- Synopsis of a research proposal for an M.Sc. program in mechanical engineering. Title of the research:  
"Study of material removal mechanism of Heavy metal Alloys using non-traditional machining processes"
- Subjects you've taught [ Engineering drawing – Computer aided manufacturing – Material Engineering I – Nontraditional machining – manufacturing technology – production Engineering and workshops - Solid mechanics - General Mechanical workshops – Measurements and instrumentations – pollution – Design Engineering I ]
- Trainee at InnovEgypt program for students.
- Trainee at Elaraby-Group (8/2018 to 9/2018).
- Trainee at petrojet Company (7/2017 to 8/2017).
- Trainee at Ezzsteel (7/2016 to 8/2016).
- Trainee at Benha Electronics Company (1/2016 to 2/2016).
- Trainee at juhayna food industry (7/2015 to 8/2015) .

## Education

### Faculty of Engineering - Benha University

Production and Mechanical Design Major – 2019, graduated with Excellent Honours in rate of 85.46% at accumulation of five years, excellent at graduated project, excellent at Bachelor year in rate of 98.7% and ranked the first on 2019 class.

## **Skills**

- Leadership
- Public Speaking
- Negotiation Skills
- Teamwork
- Self-Learning
- AutoCAD
- Communication Skills
- Presentation Skills
- Microsoft Office
- SolidWorks
- Time management
- Self-management

## **Extracurricular Activities**

- Scientific visits coordinator at Benha faculty of engineering.
- Innovation trainee at Technology Innovation and Entrepreneurship Center.
- Logistics volunteer at for Egypt family Engineer student activity.
- Chairman of the Student Union Scientific Committee
- Supervisor of the future leaders regiment of benha faculty of engineering at the leadership development center benha university.

## **Achievements**

- Qualified to Semi-finals at 1st round of composite Competition by Military Technical College.
- Ranked 1st at InnovEgypt Program with my team as team leader.

## **Military service**

Finished.