

# Hatan Rafat Hamed Sunky

## Mining and Blasting Engineer

Mining Engineer (Bachelor) specialized in the field of blasting. A self-motivated engineer who is always looking to try something new, have opportunities to shine, and gain new experiences. Working in teams is one of the most exciting things for me because I can share knowledge and learn new ways and approaches to solving problems.

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Jeddah, Saudi Arabia

## WORK EXPERIENCE

### Blasting Engineer

Samsung, Hyundai and Archirodon JV

05/2023 - Present

Tabuk - NEOM

The line (The Spine project) at NEOM.

#### Achievements/Tasks

- Supervising the charging explosives by using the design.
- Calculate the quantity of explosives required.
- Blasting submissions and notifications.
- Blasting reports and misfires reports.
- Manage tunnel full evacuation before blast initiation.
- Ordering explosives and store them in the explosives magazine.
- Explosive inventory.
- Requesting the explosives materials throw online by using AMN website.
- Entering the blast data on Tunnel Data Management System (TDMS).
- The schedule of blasts for 3 weeks.

Contact : Blasting Manager: Alaa Mohammed Bajahmoum. - +966541452669

### Mining (as a COOP Trainee).

Ma'aden Barrick Copper Company (MBCC)

08/2021 - 02/2022

Jabal sayid, Saudi Arabia

#### Achievements/Tasks

- In-Situ sampling of core and recording all data in QA/QC file. (Project for PPE).
- Design lab improvement including space management and new machines.
- Comparing between PPC & OPC for Paste department and involved use of UCS theories.
- Cost of blocked & clean up paste pipes.
- Design using Deswik software.
- Charging and blasting By using the designs.

## EDUCATION

### Mining Engineering Bachelors

King Abdulaziz University

01/2016 - 01/2022

Jeddah, Saudi Arabia

## SKILLS

Microsoft office

Surfer program

Ability to work in a team

Fast learner

Ability to work under pressure

AMN website

Solving the problems

## PERSONAL PROJECTS

Mine And Mill Design for Exploitation of Phosphate ore at Hazem Al-Jalamid mine in Saudi Arabia (03/2021 - 03/2022)

- Finding the ore reserves.
- Application the Economic assessment.
- Drawing flow sheet for Processing assessment.

## LANGUAGES

Arabic

Native or Bilingual Proficiency

English

Professional Working Proficiency