

amna magzoub

amagzoub@mit.edu | (617) 583-2371 | 355 Massachusetts Avenue, Cambridge, MA 02139

education

Massachusetts Institute of Technology | June 2017

BSc. Mechanical Engineering, GPA: 4.10

- concentration in product design and a minor in biology

professional experience

NVBOTS | Summer 2016

Design Intern

- created two lesson plans to incorporating 3D printing in STEM curricula
- performed 3D printer maintenance (e.g. clearing jams and changing filament)

USAID | Summer 2015

HESN Innovation Intern

- designed visualisations to present social media analytics/HESN partnerships
- created a database of partnerships to measure HESN's progress on their research objectives

projects

2.009, Product Engineering Processes | Fall 2017

Blue Team System Integrator

- coordinated weekly team meetings, agendas, and goals
- structured processes and defined task forces
- facilitated within and between team task forces
- spearhead the development of the product contract and specifications
- formed and maintained the system image of the product as it was designed
- helped with the physical integration of product subsystems

leadership

hackSUDAN | July 2013

Co-Founder

- planned and organized Sudan's first hackathon in coordination with a team of 10 people, attended by more than 30 people from various ages (middle school to graduate students) under the theme *Making Sudan a Better Place*

skills

software

CAD (SolidWORKS, OnShape, Rhino5); Rendering (3DSMax)
CAM (MasterCAM); Adobe Suite (Illustrator, Photoshop, InDesign);
MATLAB; ArcGIS

workshop

rapid prototyping (benchtop tools, laser cutting, 3DP), woodwork-
ing, metal fabrication, tube bending and fabrication, MIG weld-
ing, turning, milling

manufacturing

DFM/DFA, injection molding, thermoforming

language

arabic (fluent)

interests

social engineering, mentorship, interfaith dialogue, drawing and art