

Ammar Babiker

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EDUCATION:

Master of Science in Biomedical Engineering San Jose State University (SJSU) – San Jose	Fall 2021- Fall 2023 (Expected Graduation date)
Bachelor of Science in Applied Medical Sciences Faculty of Applied Medical Sciences University of El Gezira – SUDAN	Spring 2001- Fall 2006

CERTIFICATIONS:

American Heart Association Basic and Advanced Life Support Certifications – Berkeley, U. S	2016
Anesthesia Technology Certifications American Society of Anesthesia Technologists and Technicians (ASATT) Certified Anesthesia Technician	2013
Saudi Commission for Health Specialties (SCHS) – Riyadh, K.S.A Anesthesia Technology Instructor Certification	2011
Council of Allied Health Professions – Khartoum, Sudan Anesthesia Tech Certification.	2006

PROFESSIONAL EXPERIENCE:

Teaching Associate (TA) (Foundations of Biomedical Engineering), SJSU <ul style="list-style-type: none">Leading laboratory sessions.Holding weekly office hours to answer students' questions.Grading homework, lab notebooks, lab reports, and course-related assignments.	Spring 2022 - Present
Volunteer, Alameda Health System, Oakland, CA <ul style="list-style-type: none">Helped patients and co-patients, administrative staff, and health providers to achieve their mission at Highland Hospital, Oakland, in different departments.	Jan 2018 – Jan 2019
Anesthesia Technology Instructor International Academy for Health Sciences, Riyadh, K.S.A <ul style="list-style-type: none">Implemented Anesthesia Technology curriculum based on SCHS requirements.Designed and taught lessons, administered oral and written tests and held training sessions.Collaborated with faculty members in administrative responsibilities.	Nov 2009 – Jul 2011
Anesthesia Technologist Wad Medani Hospital, Wad Medani, Sudan <ul style="list-style-type: none">Performed anesthesia machines, patient's wearable monitors, and operating room medical equipment's periodic maintenance.	Nov 2008 – Oct 2009
Anesthesia Technologist University of Medical Sciences and Technology, Khartoum, Sudan <ul style="list-style-type: none">Trained to perform regional and general anesthesia under the supervision of an attending anesthesiologist.	Jun 2006 – Oct 2008

CONFERENCE AND WORKSHOPS:

- International Anesthesia Conference Towards Safer Anesthesia, Riyadh 2011.
- Thoracic/Lung Isolation Workshop, Riyadh 2011.
- Ultrasound Guided Regional Anesthesia/ Upper and Lower Limbs, Riyadh 2011

Fellowship and Awards:

- Walter C Benzing Fellow 2022/2023
- Hazel Anderson Estate Scholar 2021/2022

MEMBERSHIPS:

- Member of the American Society of Anesthesia Technologists and Technicians (ASATT).
- Member of the Biomedical Engineering Society (BMES).
- Member of Biomedical Engineering Society San Jose State University (BMES SJSU).

SKILLS:

- Languages:** Fluent in Arabic and advanced in English.
- Computer:** Minitab, SolidWorks, Python and MATLAB.