

Benjamin Ky

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EDUCATION

Stanford University

Palo Alto, CA

School of Engineering

June 2026 (expected)

- Candidate for Bachelor of Science in Aeronautics and Astronautics and Minor in Human Biology

SKILLS & HIGHLIGHTED COURSEWORK

- **Technical Skills:** Coding Experience in Python, MatLab, and R; Certified EMT by NREMT; Trained in Tactical Combat Casualty Care
- **Highlighted Coursework:** Programming Methodology, Introduction to Probability and Statistics for Engineers, Introduction to Research in Ecology and Evolutionary Biology

EXPERIENCE

Dental Assistant & Lab Technician | Stockton, CA

Summers of 2018 - 2021

Kuy E. Ky, DDS General Dentistry

- Assisted chairside during dental emergency procedures, ensuring patient comfort and efficient workflow
- Sterilized operatories and dental instruments, maintaining a high standard of hygiene and safety
- Fabricated accurate dental models from molds, supporting precise dental treatments
- Crafted dental crowns, contributing to high-quality patient care and treatment outcomes

Operating Room Tech | Fresno, CA

Summer of 2023

Advanced Pain Solutions

- Prepared patients for surgical procedures, ensuring they were comfortable and informed
- Transferred patients from the waiting room to the operating room safely and efficiently
- Sterilized patients and operating rooms before and after procedures, maintaining a sterile environment
- Drew and verified medications for procedures, ensuring correct type and dosage
- Operated and adjusted the operating room table to support surgical needs

Combat Medic Specialist | Fort Sill, OK & Fort Sam Houston, TX

January 2025 - Present

U.S Army Reserves

- Attended Army Basic Combat Training (BCT) to build physical fitness, discipline, leadership basic soldier skills
- Honor Graduate and PVT Luis Birtz award winner
- Led the training of the battery (about 200 trainees) as Student First Sergeant and Battery Guidon
- Trained to provide emergency lifesaving care in combat environments

VOLUNTEER WORK

Rotary Club | Stockton, CA

Summer 2007 - Present

Volunteer

- Assisted with the setup, operation, and teardown of fundraising events
- Volunteered as a Salvation Army Bell Ringer for 15 years
- Participated in food drives and packaging events, supporting community nutrition efforts
- Prepared Christmas presents for local orphans and purchased essential supplies for underprivileged families