

# 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