

Derek H. Fukuda

Email: dhfukuda@umich.edu
LinkedIn: [linkedin.com/in/dhfukuda](https://www.linkedin.com/in/dhfukuda)
Mobile: (916) 824-9835

EXPERIENCE

Fondren Orthopedic Group, Houston, TX (Remote) Research Assistant

MAY 2023 - PRESENT

Support primary researchers in data collection by analyzing patient record archives and presenting findings.

Texas Orthopedic Hospital, Houston, TX OR Aide - PRN

MAY 2023 - AUG 2023

Prepping patients, assisting health care providers in performing procedures/surgery, ensuring a sterile environment, maintaining supplies and equipment

EDUCATION

University of Michigan, Ann Arbor, MI Bachelor of Science, Biomedical Engineering

AUG 2021 - PRESENT (expected graduation MAY 2025)

3.91 GPA

PROJECTS

Latarjet Retrospective Study —

Analyze the significance of the Latarjet coracoid transfer procedure related to patient health post-surgery and determine what other factors play a role in the outcomes

MedLaunch Liquid Medication Measuring Tool —

Develop a syringe to aid visually impaired individuals to self-administer liquid medications.

MedLaunch Dental Cleaning Device —

Design an electronic toothbrush and toothpaste dispenser for individuals diagnosed with intentional hand tremors.

SKILLS

Lab (Chem, BME, Physics, Biology)

CAD (Autodesk Fusion 360)

C++/Python/Matlab basics

Microsoft Excel, Powerpoint, Word

Enthusiastic, Team Player

AWARDS

Richard Earhart Scholarship 2023

Solidigm Scholarship 2022

College of Engr Dean's List Fall '23

College of LSA University Honors

Fall '21, Winter '21, Fall '22, Winter '22

ORGANIZATIONS

Tau Beta Pi - Honor Society

Aug '23 - present

MedLaunch (Biomedical Engineering)

Sept '22 - present

Japanese Students Association Club

Aug '21 - present

Health Sciences Scholars Program

Aug '21 - Apr '22

AAPI Heritage Committee

Feb '22 - Mar '22

