

ANISH KHOT

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SUMMARY

Biomedical Engineer with **4+ years' experience** designing innovative medical device instrumentation and implementing advanced manufacturing processes in medical device workflows. Looking to continue the development of medical device centered design and manufacturing skills to enable global product launches.

RELEVANT EXPERIENCE

PAIN CARE LABS | Atlanta, Georgia

Consultant

December 2025 - Present

- Providing design & development services for a vibration adapter for injection pain mitigation products.
- Working with company employees to create patient-centric and compliant designs.

INNOVATIVE DELTA TECHNOLOGY, LLC | Chagrin Falls, Ohio

Research & Development Co-op - SPINE

July 2024 - December 2024

- Created 3D CAD models & 2D drawings for the development of spinal implant instrumentation.
- Operated 3D printers to produce device prototypes, facilitating rapid product development & testing.

ADVANCED PLATFORM TECHNOLOGY CENTER | Cleveland, Ohio

Research Assistant

May 2022 - July 2024

- Created protocols & methods to develop the Open Source Leg, developed by the Neurobionics Lab at the University of Michigan Ann Arbor, into a bidirectional neuromechanism.
- Developed mechanical design of a low-level impedance controller system to mimic human musculoskeletal movement.

DESIGN PROJECTS

CWRU EBME 370/380- SENIOR CAPSTONE DESIGN - BIOMEDICAL ENGINEERING

- Collaborating with clinicians & engineers in designing a non-invasive device that records continuous & reliable EEG data in individuals with temporal lobe epilepsy
- Utilizing advanced CAD modeling to model an over-the-ear surface electrode holder to interface with embedded custom electrodes & microcontrollers.

SOFTWARE & CERTIFICATIONS

- Software: SOLIDWORKS, ANSYS, MATLAB, Vicon Nexus, CorelDRAW, Python
 - CSWP (2024) - Certified SOLIDWORKS Professional
- Lean Six Sigma: Yellow Belt Certification

LEADERSHIP & ACTIVITIES

GEORGIA TECH BIOTECH CONSULTING | Atlanta, Georgia

Senior Analyst

September 2025 - Present

- Led client engagements focused on FDA regulatory strategy, reimbursement pathways, and competitive landscape analysis.
- Mentor junior analysts in clinical research synthesis, regulatory coding, and commercialization strategy.

CWRU BAJA MOTOSPORTS | Cleveland, Ohio

Executive Board Member & Logistics Lead

June 2023 - June 2025

- Collaborating with executive board members to execute major team logistics, such as competitions, finances, design schedule & inputs.
- Responsible for creating testing plans & procedures related to component-specific/system-wide testings.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY | Atlanta, Georgia

Graduation Year: July 2026

Master of Biomedical Innovation and Development (MBID)

CASE WESTERN RESERVE UNIVERSITY (CWRU) | Cleveland, Ohio

Graduation Year: May 2025

B.S.E in Biomedical Engineering, Biomechanics Track

Minor in Mechanical Design and Manufacturing