

# KAUSTUBH SONAWANE

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## EDUCATION

<b>The University of Texas at Austin</b>	Bachelor of Business Administration, Canfield Business Honors Bachelor of Computer Science, Computer Science Honors SAT Score: 1570 (EBRW: 790, Math: 780)	May 2026
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## EXPERIENCE

<b>Fiveable Inc. - Operations Associate</b> <i>Series A startup building a student-led communication platform</i>	May 2021 - June 2022
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- Enhanced project communication efficiency by 60% by overseeing migration to a new project management platform
- Managed company partnerships for the nationwide Summer College Program with 3000+ student participants
- Collaborated directly with executives to shift company focus from AP exam content to building student discussion groups

<b>ListenIn: Intelligent Hearing Solutions - Executive Board</b>	August 2020 - June 2022
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- Engineered a cost-effective, AI-based hearing aid to split audio streams using EEG data at a 94% accuracy
- Designed an expansion plan for sales across DFW and a marketing strategy to survey senior patients' needs
- Pitched to healthcare investors and VCs, receiving \$7000 in seed funding and international recognition

## ACADEMIC PROJECTS

<b>OpenPulse: An Accessible Wristband for Atrial Fibrillation Detection</b>	August 2021 - May 2022
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- Built a low-cost machine-learning wristband for arrhythmia and atrial fibrillation detection at a 90% accuracy
- Fused an Arduino circuit with a Scikit-learn SVM and ARIMA model within a 3D printed shell

<b>LungStat: Improving Lung Cancer Diagnostic Accuracy through Computer Vision</b>	August 2019 - December 2021
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- Created a full-stack machine-learning application for locating lung cancer tumors in a 3D CT scan at a 93% accuracy
- Communicated project applications at several conferences to researchers from MIT, Vanderbilt, and UCLA
- Implemented a Tensorflow backend for locating tumors on a CT scan and a React patient organization frontend

## LEADERSHIP EXPERIENCE AND ACTIVITIES

<b>TutorScope - Co-Founder and Director</b>	March 2020 - May 2022
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- Founded a free tutoring organization to address the lack of personalized education during COVID-19
- Directed student registration, signup, and session scheduling of the nonprofit organization with 2000+ students
- Featured on AP News, the Washington Post, and NBC-DFW and recognized by House of Representatives

<b>CASH Club Corp - VP of Logistics</b>	August 2019 - May 2022
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- Instructed financial literacy for a stock investment club with more than 50 branches worldwide
- Networked with industry leaders and finance professors to develop curriculum for more than 2000 students worldwide

<b>Debate - Public Forum Debate Captain</b>	August 2018 - May 2022
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- Discussed pertinent current event topics at major national tournaments to develop public speaking and research skills
- Coached middle-school students for 50+ hours in Public Forum Debate at local middle schools

## HONORS

• Top 50 in Public Forum Debate at NSDA Nationals	June 2021
• Diamond Challenge Startup Pitch 2 <sup>nd</sup> Place Winner (2/800+)	April 2021
• Tiger Global Case Competition North American Finalist (10/800+)	August 2020

## ADDITIONAL INFORMATION

**Computer Skills:** Python, Java, React, Node.js, AWS, CAD (Fusion 360), Video Editing

**Languages:** Fluent in Spanish & Marathi

**Interests:** Music Composition, Rock Climbing, Product Management, Web Development

**Work Eligibility:** Eligible to work in the U.S. with no restrictions