

KAUSTUBH SONAWANE

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EDUCATION

The University of Texas at Austin Bachelor of Business Administration, Canfield Business Honors May 2026
Bachelor of Computer Science, Computer Science Honors

Technical Skills: Python, Java, React, Node.js, Flask, R, AWS, CAD (Fusion 360), AI/ML, HTML/CSS/JS

Coursework: Data Structures & Algorithms, Discrete Math, Computer Architecture, Statistics & Data Science, Multivariable Calculus

EXPERIENCE

Fiveable Inc. - Product Operations Associate May 2021 - June 2022

Series A startup building a student-led educational platform for AP test preparation content and private virtual study rooms

- 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 with the COO and CEO to shift company focus from AP exam content to building student discussion groups

ListenIn: Intelligent Hearing Solutions - Executive Board

August 2020 - June 2022

Student-led startup launching an AI-based hearing aid to solve the Cocktail Party Problem

- Engineered a 50% cost-effective alternative hearing aid to split audio streams using EEG data at a 94% accuracy
- Designed an expansion plan for sales across Texas 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

Wager: Making Betting Social October 2022 - Present

- Developed a Web3 peer-to-peer customizable social betting platform using React, Solana, and Express.js

OpenPulse: An Accessible Wristband for Atrial Fibrillation Detection

August 2021 - May 2022

- Built an accessible machine-learning wristband for arrhythmia and atrial fibrillation detection with a \$30 manufacturing cost
- Fused an Arduino circuit with a Scikit-learn SVM and ARIMA model at a 90% accuracy within a 3D printed shell

Rhyzode: A Public Platform for Project Display

January 2021 - February 2021

- Engineered a web application using React and Firebase for students to post and receive recognition for their coding projects

LungStat: Improving Lung Cancer Diagnostic Accuracy through Computer Vision

August 2019 - December 2021

- Created a full-stack machine-learning application for locating lung cancer tumors on a 3D CT scan at a 93% accuracy
- Communicated project applications at several international conferences to researchers from MIT, Vanderbilt, and UCLA

LEADERSHIP EXPERIENCE AND ACTIVITIES

TutorScope - Co-Founder and Director

March 2020 - May 2022

Nonprofit organization offering free online tutoring for students of all ages across the world

- Directed student registration, tutor signup, and session scheduling for 2000+ students across thousands of hours of tutoring
- Featured on AP News, the Washington Post, and NBC-DFW and recognized by House of Representatives

CASH Club Corp - VP of Logistics

August 2019 - May 2022

Network of investment clubs with 2500+ high school students to educate students on financial literacy concepts

- Launched international marketing initiatives to expand meeting attendance at 50+ branches worldwide
- Networked with finance industry leaders and finance professors to develop curriculum and arrange weekly guest speakers

HONORS

- Hack TX 1st Place Blockchain Track Project (1/120 projects): *\$7000 Grand Prize from Solana* October 2022
- Top 50 in Public Forum Debate at the NSDA National Tournament: *Top 1% of all PF teams* June 2021
- Diamond Challenge Startup Pitch 2nd Place Winner (2/800+ teams): *\$4000 Non-Dilutive funding* April 2021
- Tiger Global Case Competition North American Finalist (10/800+) August 2020

ADDITIONAL INFORMATION

Additional Organizations: Debate, Young Scientists Journal, Texas Product Engineering Organization, Noteworthy A Cappella

Interests: Product Management, Entrepreneurship, Medical Technology, Full-Stack Development, Music Composition, Rock Climbing