

KAUSTUBH SONAWANE

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EDUCATION

The University of Texas at Austin Bachelor of Business Administration, Canfield Business Honors December 2025
Bachelor of Computer Science, Computer Science Honors

Technical Skills: Python, Java, React, Node.js, Flask, R, AWS, CAD (Fusion 360), AI/ML, C, Rust, Web3 Development, SQL

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

EXPERIENCE

Wager - Chief Operating Officer and Co-founder October 2022 - Present

Startup developing a Web3 peer-to-peer social betting platform for any event

- Designed and coded the user flow and bet-making capabilities for the Wager app using React, AWS, web3.js, and Node.js
- Building a cross-platform cloud-centric backend for a user to have a one-click betting experience from a mobile and web application
- Invited to the Solana Breakpoint Conference in Lisbon, Portugal to network with industry leaders and VC investors over 5 days

ListenIn - Chief Technical Officer August 2020 - July 2022

Startup launching an AI-based hearing aid to solve the Cocktail Party Problem (separation of audio streams using brainwave data)

- Invented a 50% cost-effective alternative hearing aid to split audio streams using EEG data at a 94% accuracy via Fourier Transformation
- Designed an expansion plan for sales across Texas and a marketing strategy to survey senior patients' needs and conduct user trials
- Pitched to healthcare investors and VCs, receiving \$7000 in seed funding and international recognition from business competitions

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 a company-wide migration to a new project management platform
- Managed education company partnerships for the nationwide Summer College Program with 3000+ student participants across the US
- Collaborated with the COO and CEO to pivot the company focus from AP exam content to building student discussion groups

ACADEMIC PROJECTS

OpenPulse: An Accessible Wristband for Atrial Fibrillation Detection August 2021 - May 2022

- Built an accessible real-time 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% diagnostic and 75% predictive accuracy in a 3D printed shell

LungStat: Improving Lung Cancer Diagnostic Accuracy through Computer Vision August 2019 - December 2021

- Created and deployed 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
- Published a 10-page research paper to JMEI Conference Proceedings and awarded by INSPOScience and GENIUS Olympiad

LEADERSHIP EXPERIENCE AND ACTIVITIES

Texas Product Engineering Organization (TPEO) - Product Management Team Member August 2022 - Present

Premiere University of Texas student organization contracting projects from local Austin businesses and nonprofit organizations

- Completed a 10-week product management course covering design-thinking, product execution, metric analysis, & user testing
- Led a team of designers and engineers to develop an apartment rating and reviewing web application for UT students

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 through thousands of hours of tutoring
- Featured on AP News, the Washington Post, and recognized by House of Representatives as a Hometown Hero of District 3 of Texas

HONORS

- Hack TX 1st Place Blockchain Track Project (1/120 projects): *\$7000 Grand Prize from Solana & Sponsored Trip to Lisbon* 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+ entries): *Presented to PwC judges* August 2020

ADDITIONAL INFORMATION

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

Interests: Product Management, Entrepreneurship, Blockchain Technologies, Full-Stack Development, Music Composition, Rock Climbing