Ishan Sheth

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Education

GEORGIA INSTITUTE OF TECHNOLOGY   Atlanta, GA
Candidate for B.S. Computer Science w/ Minor in Economics   December 2025 (Anticipated) | GPA: 3.85
Concentrations in Artificial Intelligence and Systems and Architectures
Involvements: Delta Chi Homecoming Chair, Consult Your Community Business Analyst, Student Government Member
ACT: 36 Composite

Experience

SENSAI   Atlanta, GA
Co-Founder   February 2023 – Present
- App designed to improve the mental health of children with neuromotor disabilities by providing cognitive therapy games and social gaming features, resulting in reduced likelihood of developing anxiety or depression
- Developed accessible games utilizing hand-tracking technology through OpenCV and Mediapipe libraries
- Conducted extensive market research by interviewing hundreds of stakeholders, identifying the product's unique value proposition, and paving the way for future product development
- Winner of 2023 EGHI/Georgia Tech Global Health Hackathon and acceptance into CreateX Startup Launch

SPLITIT   Atlanta, GA
Data Science Intern   June 2022 – August 2022
- Created production-ready tool for Splitit's sales team using Python, Postman API, and requests to analyze over 200 e-commerce websites, resulting in the identification of potential clients
- Developed machine learning model using Scikit Learn, Snowflake, and Salesforce to predict client acquisition with 85% accuracy, leading to improvements in the sales team's email communication and lead targeting
- Improved efficiency and accuracy of data collection for the sales team by automating the process using Git and Jenkins

MiRUS LLC   Marietta, GA
Software Development Intern and Researcher   June 2019 – July 2021
- 2019: Developed Python program using Pytesseract and OpenCV libraries and minimum bounding box algorithms to automatically read pharmaceutical labels for automated drug delivery robot prototype
- 2020: Developed Python program using VTK and 3D Slicer libraries to analyze MRI data and efficiently render vertebrae images in 3D
- Code implemented into MiRus' GALILEO navigation system, enhancing functionality and usability while allowing surgeons globally to accurately visualize and diagnose spinal conditions
- 2021: Co-authored manuscript that evaluates the strength, hydrophilicity, and bacterial growth of proprietary MoRe alloy for spinal implants and compared to industry standards, published in *The Spine Journal*

Leadership

GTSF INVESTMENTS COMMITTEE   Atlanta, GA
Quantitative Analyst   April 2023 – Present
- Developing and executing systematic investment strategies utilizing quantitative models and research, contributing to the growth and management of $2.1M AUM student-run endowment fund
- Utilizing Bloomberg Terminal, Excel, and Python to design and implement a VC2-based trading algorithm, successfully managing assets valued at over $20,000

START ATLANTA   Atlanta, GA
Executive Director   April 2019 – May 2022
- Spearheaded virtual fundraising concert, raising $1000+ for new STEM programs at Boyd Elementary School
- Designed and taught multiple successful online STEM tutoring sessions, improving academic performance and STEM skills of underprivileged elementary school students in Atlanta
- Led STEM education field trips for 80 Scott Elementary School 4th graders to SkyZone, teaching math and physics concepts in a fun and engaging way
- Expanded partner schools network, adding Boyd Elementary School to support even more underprivileged students in Atlanta, promoting diversity and inclusion in STEM fields

Skills & Interests

Technical: Python, Java, SQL, Git, Tensorflow, Scikit Learn, Jenkins, Postman, Snowflake, Salesforce
Interests: Basketball, Jazz Saxophone, Podcasting, Traveling, Tutoring