Ishan Sheth

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Education

Georgia Institute of Technology   **May 2025**
B.S. in Computer Science   *GPA: 3.90/4.0*

- Minor: Economics
- Concentration: Artificial Intelligence and Systems & Architectures
- Study Abroad: Universitat Politecnica de Catalunya - Barcelona, Spain (Summer 2023)

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
- Develop 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

GTSF Investments Committee   **Atlanta, GA**
Quantitative Analyst   *April 2023-Present*

- Develop and execute systematic investment strategies utilizing quantitative models and research, contributing to the growth and management of $2.1M AUM student-run endowment fund
- Leverage Bloomberg Terminal, Excel, and Python to research and build portfolio management algorithm to distribute capital to portfolio of quantitative strategies based on market conditions
- Participated in a rigorous semester-long mentorship program learning DCF modeling, accounting, portfolio theory, macroeconomics, valuation techniques, fixed income, and stock pitch creation

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**
Researcher   *November 2020-July 2021*

- Co-authored *Characterization of Ion Release from a Novel Biomaterial, Molybdenum-47.5Rhenium, in Physiologic Environments* published in *The Spine Journal*
- Evaluated the strength, hydrophilicity, and bacterial growth of proprietary MoRe alloy for spinal implants and compared to industry standards

Software Intern   *June 2019-July 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
- Developed Python program using Pytesseract and OpenCV libraries and minimum bounding box algorithms to automatically read pharmaceutical labels for automated drug delivery robot prototype

Leadership

Consult Your Community   **Atlanta, GA**
Business Analyst   *January 2023–May 2023*

- Researched and analyzed frameworks used by competitors to help nonprofit GoodAction develop tailored recommendations for boosting client ESG ratings
- Developed a report outlining suggested frameworks for developing and maintaining strategic partnerships with a list of potential strategic partners

Additional Information

Skills: Python, Java, SQL, Git, JavaScript, HTML, CSS, Tensorflow, Scikit Learn, Jenkins, Snowflake, Excel
Activities: Delta Chi Homecoming Chair, Student Government Member, Startup Exchange Executive Board
Interests: Basketball, Jazz Saxophone, Podcasting, Traveling