



# SAHIL SURESH

MD-PHD CANDIDATE AT TUFTS SCHOOL OF MEDICINE

## CONTACT

Boston, MA  
 [Personal Website](#)

## HACKATHONS

- 2025 MIT Grand Hack Winner: Mass General Brigham MESH Incubator Prize
- 2024 MD+ Datathon 2<sup>nd</sup> Place Grand Prize Winner for Clinical Documentation Track
- 2023 MIT Grand Hack Winner: Health Equity and Inclusion Award for Early Cancer Detection Track

## TECHNICAL SKILLS

- Python (Fluent)
- MATLAB (Proficient)
- HTML/JS (Intermediate)
- Bonsai (Proficient)
- Blender (Fluent)
- PyTorch/Tensorflow
- PsychoPy/JSPsych

## PUBLICATIONS

1. [Huang et al. 2024](#)
2. [Halassa et al. 2025](#)
3. [Klee et al. 2025](#)



## WORK|RESEARCH EXPERIENCE

**Co-Director of AI & Data** FEB 2025 - PRESENT  
MD+

- Developing tutorial modules covering core concepts behind foundational topics in AI/ML including convolutional neural networks, descriptive Q-learning models, and retrieval-augmented generation.
- Collaborating with Offcall to produce a white paper series on best practices for AI in medicine
- Assisting in planning and hosting the 2025 MD+ Datathon, an annual national event bringing together medical students and researchers, and to explore applications of AI in healthcare.

**Medical Fellow** APR 2025 - JUN 2029  
Roan Joshua Lang, MD

- Assisted with the design of a RAG-based pipeline to extract clinically relevant FAQs across disease states.
- Contributed to content innovation, community engagement, and strategic growth initiatives while gaining hands-on experience in health tech and startup operations.

**Research Associate** JAN 2020 - MAY 2022  
Columbia University | Rui Costa Lab Rui Costa, DVM, PhD

- Utilized two-photon microscopy to assess sensory representation in the posterior dorsolateral striatum and how this representation is affected by learning.

**Research Associate** DEC 2019 - MAY 2022  
NYU Langone | Tanya Sippy Lab Tanya Sippy, MD, PhD

- Assessed the role of the posterior dorsolateral striatum in directing sensory-guided actions in the context of reward-driven behaviors.

**Clinical Research Coordinator** AUG 2019 - DEC 2019  
Icahn School of Medicine at Mt. Sinai | Genetics Dept. Manisha Balwani, MD, MS

- Primary coordinator of Alnylam’s natural history study of the Porphyrias.
- Secondary coordinator on Phase III trials of Givosiran, a treatment for Acute Intermittent Porphyria.

**Research Assistant** JUN 2016 - MAY 2019  
Cornell University Nilay Yapici, PhD and David Pizarro, PhD

- Determined anatomical and functional characterization of the neural circuits responsible for regulating food ingestion in *Drosophila melanogaster*.
- Created a metaethics scale that determines alignment with moral objectivism or relativism.



## EDUCATION

**MD-PhD Candidate** 2022 - 2030  
Tufts University School of Medicine Michael Halassa, MD, PhD  
PhD in Computational Neuroscience | Michael Halassa Lab  
**Current GPA: 4.0**

**Bachelor of Arts, cum laude** 2015 - 2019  
Cornell University  
Neurobiology and Behavior Major | Psychology and Creative Writing Minor  
**GPA: 3.74**  
*President of Cornell’s Cardiology Group, Publicity Chair of Cornell’s Quill Guild, Peer Mentor for Cornell’s Undergraduate Research Board, Graphics Designer for Mario Einaudi Diversity Center’s South Asia Program*