

Adam Gohain

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EDUCATION

Boston College

Bachelor of Science, Computer Science & Bachelor of Science, Mathematics

Expected May 2027

Chestnut Hill, MA

WORK/RESEARCH EXPERIENCE

Boston College

Undergraduate Research Fellow (advised by Prof. [Donglai Wei](#))

January 2024 – Present

Chestnut Hill, MA

MIT McGovern Institute for Brain Research

Undergraduate Researcher (in [Synthetic Neurobiology Group](#); Ed Boyden)

July 2025 – Present

Cambridge, MA

Harvard University

Research Intern (under [Harvard Visual Computing Group](#); Hanspeter Pfister)

November 2024 – March 2025

Cambridge, MA

Best Buy, Advisor

July 2021 – January 2025, Attleboro, MA

GRADUATE COURSEWORK

- [MT875](#): Graduate Topics in Deep Learning Theory (Harvard CMSA/Boston College)
- NE520: Sensory Neurobiology (Boston University)

UNDERGRADUATE COURSEWORK

- CSCI3392: Logic for Mathematicians and Computer Scientists
- CSCI3384: Computability & Computational Complexity
- CSCI3383: Algorithms
- CSCI3381: Cryptography
- CSCI3369: Economics and Computation
- CSCI3331: Computational Linguistics
- CSCI2272: Computer Organization & Lab
- CSCI2271: Computer Systems
- CSCI2244: Randomness and Computation
- CSCI2243: Logic and Computation
- CSCI1102: Computer Science 2
- MATH4480: Mathematics of Machine Learning
- MATH4462: Topology
- MATH4460: Complex Variables
- MATH3322: Analysis 2
- MATH3321: Analysis 1
- MATH3311: Algebra 1
- MATH2211: Linear Algebra (Honors)
- MATH2203: Multivariable Calculus (Honors)

PUBLICATIONS/PREPRINTS

Leander Lauenburg, Jakob Troidl, **Adam Gohain**, Zudi Lin, Hanspeter Pfister, Donglai Wei. **SynAnno: Interactive Guided Proofreading of Synaptic Annotations**. VIS 2025 ([PDF](#))

Shulin Zhang, Netanel Ofer, Christoph Dupre, Xueying Wang, Richard Schalek, Yuelong Wu., Michael Lin, Micaela Roth, Jason Adhinarta, **Adam Gohain**, Yutian Fan, Wenjie Yin, Donglai Wei, Jeff Lichtman, Rafael Yuste. **Ultrastructural reconstruction of the endodermal nerve net of Hydra vulgaris: a paracrine chemical network?** Current Biology ([PDF](#))

Jason K. Adhinarta*, Yutian Fan*, **Adam Gohain***, Michael Lin*, Richard Ren*, Micaela Roth*, Shulin Zhang*, Ayal Yakobe, Rafael Yuste, Donglai Wei. **VesiclePy: A Comprehensive Vesicle Analysis Toolbox for Volumetric Electron Microscopy**. Under Review ([PDF](#))

RELEVANT EXTRACURRICULAR INVOLVEMENT

Boston College Diffusion Reading Group, Organizer

Machine Intelligence Group @ Boston College, Co-President & Treasurer

TEACHING ASSISTANTSHIP

CSCI3370: Deep Learning (Prof. Yuan Yuan)

Fall 2025

CSCI2244: Randomness and Computation (Prof. Jessica Finocchiario)

Spring 2025

CSCI1101: Computer Science 1 (Prof. Naomi Bolotin)

Fall 2024

MISC. EXPERIENCE

Google Kickstart

March 2020 – April 2023

- Average placement in top 10-30 (approx. top 0.1-0.2%)
- Highest Placement: 3 in Round E 2022

HackMIT 2024, Mentor/Sponsor Coordinator

September 2024

HackHarvard 2024, Mentor

October 2024

HackUMass 2024/2023, Mentor/Judge

November 2024/2023

HackMIT 2023, Participant, *Interactive Media Track Winner*

September 2023

HackHarvard 2023, Participant, *Best Use of Google Cloud*

October 2023

HackTheHeights 2023, Participant, *Winner*

November 2023

North Attleboro Middle School Heritage (Career) Day, Workshop Host

- *Using AI To Reconstruct Human (and Non-Human!) Brains*, June 2025

SKILLS & INTERESTS

- **Familiar With:** C, C++, JavaScript, Bun.js, HTML/CSS/JS, Swift, SQL, Flask, Rust, Java, Python (inc. NumPy/CuPy, PyTorch, Tensorflow, and Pandas/Polars) React, Postman, MongoDB, R, SLURM, Google Cloud/Firebase
- **Foreign Languages:** English - Fluent, Spanish - Professional, Assamese - Conversational, Georgian - Writing
- **Interests:** 3D Printing/CAD, Martial Arts (2nd Degree - Krav Maga; 1st Degree - Kenpo), Running, Reading, Cooking, Mountaineering
- **Other University Extracurriculars:** Experimental Math and Machine Learning Lab, Martial Arts Club