Stanford



# Alaa Taha

MD Student with Scholarly Concentration in Informatics & Data-Driven Medicine / Surgery, expected graduation Spring 2030

## Bio

### BIO

Alaa completed his PhD in Biomedical Engineering at Western University and is an MD student at Stanford. Alaa's research integrates machine learning, image analysis, and anatomical coordinate systems for brain mapping and deep brain stimulation. Alaa is passionate about global health equity, open-source medical software, and advancing stereotactic neurosurgery through interpretable and reproducible methods.

### HONORS AND AWARDS

- Open Science Trailblazer Award, Western University (July 2025)
- Merit Abstract Award, Organization for Human Brain Mapping (OHBM) (June 2024)
- Graduate Student Award (GSA), Parkinson Canada (June 2023 - July 2025)
- Canada Graduate Scholarship – Doctoral (CGSD), Natural Sciences and Engineering Research Council of Canada (May 2023 - May 2025)
- Best Platform Talk, CNS Research Day (Western University) (May 2023)
- Best Abstract Award, Canadian Neuromodulation Society (June 2022)
- Mitacs Accelerate Fellowship, Mitacs Canada (April 2022 - April 2023)
- Graduate Student Award (GSA), Parkinson Society Southwestern Ontario (April 2022 - April 2023)
- Ontario Graduate Scholarship (OGS), Ontario Ministry of Colleges and Universities (May 2022 - May 2023)
- Queen Elizabeth II Graduate Scholarship in Science and Technology (QEII-GSST), Ontario Ministry of Colleges and Universities (May 2021 - May 2022)
- Undergraduate Student Research Award, Western University (May 2019)
- Rising Youth Community Service Award, Canada Service Corps (May 2019)

### EDUCATION AND CERTIFICATIONS

- PhD, Western University , Biomedical Engineering (2025)
- BMSc, Western University , Bachelor of Medical Sciences (2021)

## Publications

### PUBLICATIONS

- **Rapid stereo-EEG network mapping enables personalized multinodal stimulation for refractory facial pain.** *Brain stimulation*
  Huang, Y., McGeoch, P. D., Kaboodvand, N., Liu, T. X., Reid, B., Chibukhchyan, A., Vesuna, S., Patron, K., Yamada, L., Fogarty, A., Cho, E. Y., Taha, A., Rolle, et al
  2026: 103176