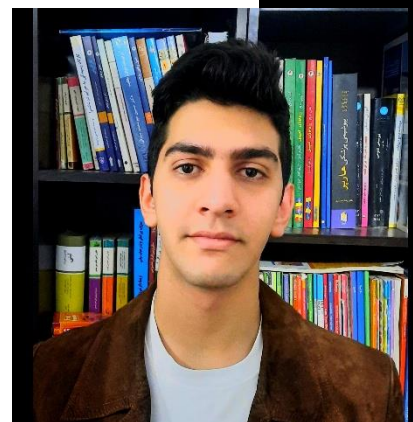




HOSSEIN MAHMOODI

HIGH SCHOOL STUDENT



1-personal particulars

Surname: Mahmoodi

First name: Hossein

Current appointments:

- Head of the “students neuroscience society”
- The best researcher student in many fields of neuroscience

2-Special Honors

- Head of the “students neuroscience society ”
- Bronze medal of the “Brain Bee competition 2023”
- Bronze medal of the “Brain Bee competition 2024”
- The best researcher student in fields of neuroscience (basic neuroscience ,neurology, neurosurgery) in IRAN
- Regional coordinator of “Biogenesis Olympiad”
- “Pharmacy technician degree” with score “100” from Tehran university of medical sciences
- Assistance of Prof.Guive Sharifi (more than 1year)
- Assistance of Dr.Mostafa Almasi(more than1 year)
- Assistance of Dr.Mohammad Hossein Mirblouk(more than 1year)
- Worked in the pharmacy (more than 1year)

3-professional membership

- Prof. Guive Sharifi’s research team
- Brain and cognition clinic
- Iran neuroscience society
- Synapse scientific group
- Neuroscience research center(IUMS)
- BIOZOOM association
- IYNA
- National brain mapping laboratory
- Iranian academy of neuroscience
- Cell and tissue tillage association

- Salamat Farda hospital
- National Brain Innovation Center
- World Karate Federation

4-Research and practice areas of interest

- Neurosurgery
- Skull base surgery
- Brain tumor surgery
- Epilepsy surgery
- Dementia and Neuro-cognitive disorders
- Neuropharmacology

5-research experiences

- **Mahmoodi H**, Almasi M;NLR in dementia; in progress
- **Mahmoodi H**, Sharifi G;Pituitary and skull base surgery; in progress
- **Mahmoodi H**, Jameie B ; Alzheimer's disease Research on non-human models; in progress
- **Mahmoodi H**, Mirblouck M; MMA embolization in chronic subdural hematoma patients; in progress
- **Mahmoodi H**, Sharifi G;Study on Acromegaly patients ; in progress
- **Mahmoodi H**, a review on Neuro-cognitive disorders; in progress
- **Mahmoodi H**, dementia and neurodegenerative disorders ; first congress of neuroscience and psychology studies
- **Mahmoodi H**, dementia and neurocognitive and neurodegenerative disorders; "news in cognitive sciences" journal
- **Mahmoodi H**, a review on types of dementia , "Elmnet" journal
- **Mahmoodi H**, pigmented tenosynovitis giant cell tumor in sacroiliac region, a case report ;in progress
- **Mahmoodi H**, spinal intramedullary abscess in treating tract sinus, a case report ; in progress
- **Mahmoodi H**, a meta-analysis on Dengi fever; in progress
- **Mahmoodi H**, a review on FTD (frontotemporal dementia), 2024 IYNA annual ideathon

6-presentations

- **H.Mahmoodi**, basics of Neuro-oncology , Aug2023 , 2nd annual oncology congress
- **H.Mahmoodi**, basics of neuroscience , july2023 , Tehran university of medical sciences
- **H.Mahmoodi**, foods and their affects on brain , jan2023 ,Cogtalk challenge
- **H.Mahmoodi** , clinical neuro-oncology , Sep2023 , international nursing health care congress
- **H.Mahmoodi** , report of neurosurgical cases , tumor board sessions in salamat farda hospital

7- publications

Video publications

- **H.Mahmoodi** , moderator, international neurosurgery congress
- **H.Mahmoodi** , a documentary about neurosurgery in Salamat Farda hospital , as the best researcher student in basic neuroscience, neurology and neurosurgery and one of the best researchers in Prof.guive Sharifi's team; channel 1 in Iran television

Audio publications

- **H.Mahmoodi** , An interview as “ one of the best neuroscientist students of the country ” ,Sep17 2023 , Radio health

8- Teaching experiences

- Brain Bee competition, teach in BIOZOOM association (1st level & 2nd level)
- Basic neuroscience, teaching for beginners

- English teaching for beginners

9-Research and academic activity interest

- Medical neuroscience
- Clinical neuroscience
- Neurosurgery
- Skull base surgery
- Brain tumor surgery
- Neuropharmacology

10-CMEs and conference attendance

- Awarded to Participate in the “International Brain Bee Bootcamp 2023”
- Awarded to Participate in the “International Brain Bee Bootcamp 2024”
- Cognitive neuroscience school, fall 2023 & winter 2024, Iran/Tehran
- 2nd national cell and tissue congress, Nov15 2023,Iran/Tehran
- Brain and Clinical Neuroscience Congress, Dec2023, Iran/Tehran
- “My brain and challenges of the modern world” webinar, May 2023 , Iran/Tehran
- Neuroscience summer school (synapse group), Aug 2022 , Iran Tehran
- “Brain awareness week and the advent of neuroscience for life “workshop , March2023 , Iran/Tehran
- Member of “international young neuroscientists association (IYNA)”
- Neurotrainee , fall school of neuroscience , Oct 2023 , Iran/Tehran
- 20th Iranian epilepsy congress, Oct 2023 , Iran/Tehran/SBUMS
- Participated and observed more than 400 brain and spinal cord surgeries

- Participated in way of treatment for more than 800 neurological patients
- Observed and worked on more than 2000 patient in neurology and neurosurgery
- Analyzed and worked on more than 2500 patient's brain and spinal cord images (MRI,CT scan,DTI,...)
- Participated and presented many cases in more than 50 "tumor board" sessions in "salamat farda hospital"
- Worked with more than 100 hospitals and organizations
- "Brain and computer interface" webinar, Oct 2023
- Stroke summer school, Oct 2023 , Iran/Tehran/Heart hotel
- BIOGENESIS Olympiad (2023)
- Biology Olympiad (2023,2024)
- Brain Bee competition (2022,2023,2024)
- Addiction symposium, Sep2022 , Iran/Tehran
- 15th Brain stroke congress, Dec 2023 , Iran/Tehran/Heart hotel
- Natural to artificial intelligence congress, jun 2023 , Iran/Tehran/Razi conference center
- Webinars of "Nobel prize "
- "Behavioral economy" webinar, Sep 2023 , Iran/Tehran
- "world nursing health care " congress
- " Cellular brain repair for Parkinson's disease " webinar
- "Neurophysiology: exploring basic research and clinical consequences , Aug 2023
- Neuro-oncology and neurosurgical oncology congress, Jan 2024 , Iran/Tehran
- Winter school of "dementia and neuro-cognitive disorders" by Dr.Mostafa almasi ;in the "brain innovation center" , Winter 2024
- Basic and clinical neuroscience congress, Dec 2023 , Iran/Tehran/Razi conference center
- Spinal cord surgery congress, Jan 2024 , Iran/Tehran
- World pharmacology webinar by DIANOX , Aug 2023
- Moderator of the "international neurosurgery congress" , Aug 2023

- “Musculoskeletal system of the body” course by Harvard medical school, Apr 2023 , EDX
- “fundamentals of neuroscience part1” course by Harvard medical school, Aug 2023 , EDX
- “fundamentals of neuroscience part2” course by Harvard medical school, Aug 2023 , EDX
- “fundamentals of neuroscience part3” course by Harvard medical school, Aug 2023 , EDX
- 7th Iranian brain mapping congress, July 2023 , Iran/Tehran
- Pharmacy technician degree with score “100” from Tehran university of medical sciences, June 2023
- “find target and make plan” webinar , July 2023 , Iran/Tehran/IUMS
- “Kill toxic thinks” webinar , July 2023 , Iran/Tehran/IUMS
- “targeting smart” webinar, July 2023 , Iran/Tehran/IUMS
- “complementary of hemispheric lateralization” by “Dr.Reza Rajimehr”from “Cambridge university”
- Monthly sessions of “Iran neuroscience society” by “Dr.Mir Shahram Safari”
- Monthly sessions of “Iran neuroscience society” by “Dr.Sahar Moghimi”
- All of the “CONNECTED study group” sessions
- Worked on “CORTEX cognitive tests” website
- “Parkinson’s disease” course by MIT university
- First yearly congress of Tehran universities of medical sciences’ students, May 2023 , Iran/Tehran
- “Role of neuroscience researches in nowadays life” ,
- Summer school of making and design neurochemicals and cognitive based games
- Monthly sessions of “Iran neuroscience society” by “Dr. Ali Khadem”
- Monthly sessions of “Iran neuroscience society” by “Dr.Mohammadreza Nazem Zade”
- Monthly sessions of “iran neuroscience society” by “Dr.Joan(helen)jo”

- Monthly sessions of “Iran neuroscience society” by “Prof. Simon Eichoff ”
- NRC webinar, May 2022 , Iran/Tehran
- Drug design webinar, Sep 2021
- First “neuroscience and psychology studies” congress, Sep 2023 , Iran/Ardebil
- Global neuroscience horizons webinar, Sep 2022
- “Cell signaling” course, Sep 2021
- Intern of Dr. Mostafa Almasi, from Sep 2023
- Intern of Prof. Guive Sharifi, from Nov 2023
- Intern of Dr. Mohammad Hossein Mirblouk , from Oct 2023
- Intern of Prof. Seyed Behnamodin Jameie , from Nov 2023
- “Pituitary and skull base surgery” congress , Feb 2024
- All of the “ Nuro talk “ sessions
- “Brain sonography” workshop by Dr. Babak Zamani , Dec 2023
- 11th Iranian symposium of cognitive neuropsychology, 14,15,16 Feb 2024
- Participated in “ neurotalk 2023 ”
- Participated and worked in “2024 IYNA annual ideathon”
- Invited to “2024 Jefferson neurosurgery sub-I bootcamp” as one of the best researcher students in the world
- “The sea horse in our brain” symposium
- Participated in “AAIC neuroscience next”, Apr22-25 2024
- Participated in all of the “IYNA journal clubs”
- “thinking with others” webinar, Feb 15 , 2024
- Participated in many “cognitive neuroscience book club” sessions from “INRP group” for reading and analyzing “GAZZANIGA book”
- Participated in “youth neuroscience summer program”, Mar26 2024
- Participated in “3rd annual suicide research symposium”, Apr17-19 2024
- Participated in “entering to research field of artificial intelligence in the medical science” chain webinars
- Participated in “income and use of artificial intelligent” webinar

- Participated in “neuromarketing; use of cognitive science in advertisement , branding and marketing ” webinar ,May1 2024
- Participated in “10th annual brain initiative conference”, Jun 17-18 2024
- Invited to the “10th international conference on cognitive science (ICSS 2024) ” May 15-17 2024
- Participated in the “45th annual Iranian surgeons congress” May 6-10 2024
- Invited to “workshop on convex optimization” from “Iran physiology and pharmacology association”
- Invited to “one day workshop on brain electrical stimulation and clinical and research use”
- Invited to “workshop on nervous system MRI”
- Invited to “immunology congress and immunology symposium” ,May 9-10 2024
- Participated in the “31st congress of neurology and clinical electrophysiology”, May 14-17 2024
- Had interview with “tekaje” pharmacological company as one of the best neurological teams in Iran
- Participated in “stroke symposium: updates in cerebrovascular disease”, Aug10 2024
- Participated in “YNA Gharbia chapter workshop”
- Participated in the “European academy of neurology congress”
- Participated in “Application of stem cells and iPSCs for disease modeling, drug testing and disease therapy” international webinar, May15 2024
- Participated and worked with “STEMnosis research program team”
- Invited to “coast to coast’s virtual sessions and college tour”
- Invited to “workshop on MATLAB and Python in neuroscience and cognitive sciences”
- Had many requests for continue my education from “Augusta university” and “Berkley university” and “Dartmouth university” and “bentley college” and “Wharton university” and “Boston university” and “Albany college”,etc.

- Invited to the “international symposium in advancements in dementia ” from “Iran neuroscience society” by “Dr. Amirhossein Abdo Alizadeh ”
- Participated in the “BCI award 2024 ceremony” , Oct8 2024
- Participated in the “international live conference on memory disorders and conditions” by “OLCIAS live conferences”, Jun 8 2024
- Participated in “Money in metaverse: the role of blockchain, web3 crypto and NFT” , July3 2024
- Invited to “summer school of biotechnology” from “Iran biotechnology school”
- Invited to work with “SYM medical (SYM LAB product development platform focusing on neurosurgery)
- Participated in “effects of Aphrodite on SSRI-induced sexual dysfunctions and depression in female with major depressive disorder: findings from a randomized clinical trial” journal club , jun15 2024
- Participated in the “Cleveland clinic microscopic and endoscopic skull base surgery workshop”
- Participated in the “1st cellular and molecular neuroscience symposium” ,July 18 2024
- Participated in the “principles of writing review articles” workshop, jun 20-21 2024
- Invited to “workshop on resting state FMRI : methods and applications ”
- Invited to “seminar on eye tracking using EEG signals ”
- Invited to “brain signals processing seminar”
- Participated and helped to be directed in the “1st seasonal symposium of pituitary surgery (SSPS)”, jun 20 2024
- Invited to “work shop on cognitive psychology : navigating the complexities of the mind”
- Participated in all of the night sessions in “pezeshkhub” platform
- Invited to “why birds are smart” webinar
- Participated in the “1st annual toxicology acute care symposium” Oct18 2024

- Participated in the “updates to good manufacturing practices (GMP)” jul9 2024
- Invited to the “principles of neural science ”
- Participated in “brain stroke ” webinar
- Participated in the “1st intervention neurology master class (INM)” jun 25 2024
- Invites to “seminar on attention modulates human visual responses to objects by tuning sharpening”
- Invites to “secrets of sleep :treating sleep disorders” ,Aug2 2024
- Invited to “workshop on neural modeling ”

11-References

- **Prof.Guive sharifi** , Prof in neurosurgery, Shahid Beheshti university of medical sciences, e-mail: Drsharifiguive@gmail.com
- **Dr.Mostafa Almasi Dooghaie**, associate professor of neurology , Iran University of medical sciences, e-mail: A.Mostafa108@gmail.com
- **Dr.Mohammad Hossein Mirblouk**, associate professor of neurosurgery, Tehran University of Medical Sciences, e-mail:Dr.hosan@gmail.com
- **Prof.Seyed Behnamodin Jameie**, Prof in anatomy, Iran university of Medical Sciences, e-mail: