**Nhat Minh Le**

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| **EDUCATION** | |
| **2017 – present** | **PhD Student, Brain and Cognitive Sciences** *Massachusetts Institute of Technology, Cambridge MA,* GPA: 5.0/5.0 |
| **2017** | **BS, Biology and Computer Science (minor)** *California Institute of Technology, Pasadena CA,* GPA:4.2/4.3 |
| **2012** | **GCE A-levels** *National Junior College, Singapore* |
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| **PUBLICATIONS** | |
| **Conferences and Presentations** | |
| Egger, S.W., **Le, M.N.**, Jazayeri, M. A neurally inspired circuit model for human sensorimotor timing. Cosyne poster, 2019. | |
| Egger, S.W., **Le, M.N.**, Jazayeri, M. On the capacity of recurrent inhibition models for Bayesian updating and control of behavior. Society for Neuroscience poster, 2018.  **Le, M.N**., Velho, T., Lois, C. Computational tools for behavioral analysis of zebra finch *Attractin* mutants. Caltech Summer Undergraduate Research Fellowship Seminar Day, 2016.  **Le, M.N.**, Sato, T,. Tsao, D.Y. Widefield imaging of the mouse visual cortex. Caltech Summer Undergraduate Research Fellowship Seminar Day, 2015. | |
| **AWARDS AND HONORS** | |
| **2019** | Walle Nauta Award for Excellence in Graduate Teaching |
| **2018** | Anne and Paul Marcus Fellowship Fund to Honor Norman B. Leventhal (1938), MIT |
| **2018** | Henry Singleton (1940) Presidential Fellowship, MIT |
| **2016** | Zhu-Teng Scholarship, Caltech |
| **2016** | Maria Chan Fellowship for Summer Undergraduate Research, Caltech |
| **2015** | Thomas Hunt Morgan Fellowship for Summer Undergraduate Research, Caltech |
| **2013 - 2015** | Chang Milton & Rosalind Scholarship, Caltech |
| **TEACHING EXPERIENCE** | |
| **2018** | **Teaching Assistant,** *9.520 Statistical Learning Theory and Applications, Fall 2018* |
| **2018** | **Mentor**, *Mass and Science Summer Program, Hanoi, Vietnam.*  Summer program in biology for Vietnamese high school students.  Designed curriculum and experiments to introduce students to synthetic biology and bioinformatics. |
| **2018** | **Mentor,** *ETEST Summer Neuroscience Camp, Ho Chi Minh City, Vietnam*  Taught introductory neuroscience to high school Vietnamese students for 2 weeks. |
| **2013 – 2017** | **Tutor**, *Caltech RISE tutoring program*  Weekly tutoring sessions for high school students in the Pasadena Unified School District.  Provided support for math and science classes. |
| **2014 – 2017** | **Tutor**, *Caltech Dean’s Tutoring program*  Tutoring program for Caltech undergraduates.  Since September 2015: Coordinator of Physics mentoring sessions for Caltech freshmen. |
| **2015 – 2017** | **Instructor**, *Veteran Students tutoring program at Pasadena Community College*.  Academic assistance for veterans who continued their education at PCC.  Weekly meetings and exam preparation. |
| **2014, 2015, 2016** | **Event supervisor*,*** *Southern Science Olympiad Tournament*  Supervised events at the annual Regional and State competitions.  Events supervised include: Simple Machines, Bottle Rocket, Compound Machines, Green Generation. |
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| **RESEARCH EXPERIENCE** | |
| **2018 – present** | **PhD student,** *Prof. Mriganka Sur’s lab, MIT*  Current research focus: recurrent interactions between cingulate cortex and visual cortex in a sensorimotor decision-making task. |
| **2015 – 2017** | **Undergraduate Researcher**, *Prof.* *Carlos Lois’s lab, Caltech*  Research focused on studying mechanisms of vocal learning in zebra finches using spectral analysis of songs and behavioral experiments. |
| **2014 – 2015** | **Undergraduate Researcher**, *Prof.* *Doris Tsao’s lab, Caltech*  Research focused on studying object representation in the mouse visual system using behavioral experiments and two-photon calcium imaging. |
| **2011 – 2012** | **Research Student**, *Agency for Science, Technology and Research, Singapore*  Research focused on magnetic properties of cobalt nanoparticles on CaF2 surface. |
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| **SERVICE AND NON-ACADEMIC WORK** | |
| **2018** | Co-organizer, MIT Computational Neuroscience Journal Club for graduate students |
| **2014 – 2017** | **Associate Editor**, *Caltech Undergraduate Research Journal.*  Content-editing of scientific journal articles contributed by Caltech students.  Conducted interviews with professors to feature their research and interests. |
| **2016 – 2017** | **Committee member**, *Biology Option Committee, Caltech* |
| **2015** | **Student Observer**, *Caltech Medical Preceptorship Program, Children’s Hospital of Los Angeles*. |