# Anton Leontyev

PhD Student

*Texas A&M University, Department of Psychological and Brain Sciences*

+1 337 534 1800 | a.g.leontiev@tamu.edu | agleontyev.netlify.app | agleontyev | agleontyev

## About me

- United States of America legal permanent resident
- Fluent in English and Russian
- Proficient in German

## Education

**Texas A&M University** *College Station, TX*

Ph.D. Cognition and Cognitive Neuroscience *2016 - currently*

- Dissertation Title:
- Committee members: Drs. Takashi Yamauchi (adviser), Louis Tassinary, Steven Woltering and Shereece Fields

**University of Louisiana at Lafayette** *Lafayette, LA*

Graduate Coursework in Experimental Psychology *2014 - 2016*

**National Research University - Higher School of Economics** *Moscow, Russia*

B.S. Psychology *2009 - 2013*

## Experience

**Texas A&M University** *College Station, TX*

Yamauchi Cognition Lab *2016 - Current*

**University of Louisiana at Lafayette** *Lafayette, LA*

Louisiana Music and Psychology Lab *2014 - 2016*

**National Research University - Higher School of Economics** *Moscow, Russia*

Cognitive Research Lab *2009 - 2013*

## Publications

### Under Review

**Leontyev, A**, & Yamauchi, T. (n.d.). Discerning mouse trajectory features with drift diffusion model.

Razavi, M., Yamauchi, T., Janfaza, V., **Leontyev, A**, Longmire-Monford, S., & Orr, J. (n.d.). Multimodal-multisensory experiments.

### Journal Articles

**Leontyev, A**, & Yamauchi, T. (2019). Mouse movement measures enhance the stop-signal task in adult adhd assessment. *PLOS ONE*, *14*(11), 1–31. https://doi.org/10.1371/journal.pone.0225437

**Leontyev, A**, Sun, S., Wolfe, M., & Yamauchi, T. (2018). Augmented go/no-go task: Mouse cursor motion measures improve adhd symptom assessment in healthy college students. *Frontiers in Psychology*, *9*, 496.

Yamauchi, T., **Leontyev, A**, & Wolfe, M. (2017). Choice reaching trajectory analysis as essential behavioral measures for psychological science. *Insights in Psychology*, *1*(4), 1.

### Proceedings

**Leontyev, A**, Yamauchi, T., & Razavi, M. (2019). Machine learning stop signal test (ml-sst): ML-based mouse tracking enhances adult adhd diagnosis. *2019 8th international conference on affective computing and intelligent interaction workshops and demos (aciiw)*, 1–5. https://doi.org/10.1109/ACIIW.2019.8925073

Yamauchi, T., **Leontyev, A**, & Razavi, M. (2019). Assessing emotion by mouse-cursor tracking: Theoretical and empirical rationales. *2019 8th international conference on affective computing and intelligent interaction (acii)*. Cambridge, United Kingdom.

Yamauchi, T., **Leontyev, A**, & Razavi, M. (2019). Mouse tracking measures reveal cognitive conflicts better than response time and accuracy measures. *Proceedings of the 41st annual conference of the cognitive science society*, 3150–3156. Montreal, Quebec, Canada.

Yamauchi, T., & **Leontyev, A** (2018). HBU: Human behavior understanding by choice reaching. *Proceedings of the 40th annual conference of the cognitive science society*. Madison, Wisconsin, USA.

### Posters

**Leontyev, A**, Razavi, M., & Yamauchi, T. (2020). *Predicting adhd questionnaire scores from motor behavior using machine learning in python*. Poster session presented at the 2020 SciPy conference.

Saenz, G., Smith, S., & **Leontyev, A** (2019). *Is there a metacognitive "trait"? Investigating individual differences in performance predictions*. Poster session presented at the 60th annual meeting of the Psychonomics Society, Montreal, Quebec, Canada.

Saenz, G., Smith, S., & **Leontyev, A** (2019). *Is there a metacognitive "trait"? Investigating individual differences in performance predictions*. Poster session presented at the 27th Annual ARMADILLO Conference, San Antonio, TX.

Yamauchi, T., **Leontyev, A**, & Razavi, M. (2019). *Mouse tracking measures reveal cognitive conflicts better than response time and accuracy measures*. Poster session presented at the 41st Annual Conference of the Cognitive Science Society. Montreal, Quebec, Canada.

**Leontyev, A**, Sun, S., Wolfe, M., & Yamauchi, T. (2018). *Augmented go/no-go task: Cursor motion measures improve adhd assessment*. Poster session presented at the 30th APS Annual Convention, San Francisco, CA.

**Leontyev, A**, & Yamauchi, T. (2018). *Mouse movement measures improve ssrt in impulsivity assessment*. Poster session presented at the 59th annual meeting of the Psychonomics Society, New Orleans, LA.

**Leontyev, A**, & Yamauchi, T. (2018). *Mouse movement measures improve ssrt in impulsivity assessment*. Poster session presented at the 26th Annual ARMADILLO Conference, Houston, TX.

Yamauchi, T., & **Leontyev, A** (2018). *Assess mental disorders with the movement of the computer cursor*. Poster session presented at Computational Psychiatry 2018, San Diego, CA.

Yamauchi, T., & **Leontyev, A** (2018). *HBU: Human behavior understanding by choice reaching*. Poster session presented at the 40th Annual Conference of the Cognitive Science Society, Madison, WI.

Yamauchi, T., & **Leontyev, A** (2018). *Mouse-cursor motion measures are sensitive to individual differences in executive functions*. Poster session presented at the 59th annual meeting of the Psychonomics Society, New Orleans, LA.

**Leontyev, A**, Sun, S., Wolfe, M., & Yamauchi, T. (2017). *Augmented go/no-go task: Cursor motion measures improve adhd assessment*. Poster session presented at the 58th annual meeting of the Psychonomics Society, Vancouver, BC, Canada.

**Leontyev, A**, Sun, S., Wolfe, M., & Yamauchi, T. (2017). *Augmented go/no-go task: Cursor motion measures improve adhd assessment*. Poster session presented at the 25th Annual ARMADILLO conference for Cognition and Cognitive Neuroscience, College Station, TX.

**Leontyev, A** (2012). *The influence of german psychology in the psychological concepts of southern europe*. Poster session presented at the International Conference "German Science in Southern Europe, 1933-45", FCSH/NOVA, Lisbon, Portugal.

## Awards and Honours

| | |
|---|---|
| ARMADILLO Conference Best Poster Award | *2018* |
| Texas A&M Graduate Student Travel Award | *2018* |
| Higher School of Economics Travel Award | *2012* |
| International Research Competition for current students and recent graduates, Higher School of Economics (3rd place) | *2010* |

# Teaching Experience

### Classroom

**Texas A&M University** *College Station, TX*

Teaching Assistant *2018 - 2020*

- Research Methods and Design in Psychology

**Texas A&M University** *College Station, TX*

Instructor *2020*

- Introduction to Psychology

# Related Professional Skills

### Programming Abilities

- Programming: R, Python
- Operating System: Windows, macOS, Linux/UNIX
- Others: Git, LaTeX, Markdown and RMarkdown

### Software

- Statistical Software: R, Python, JASP, jamovi, SPSS
- Office Software Packages: Microsoft Office/365, LibreOffice

# Certifications

# Memberships

- Psi Chi - Academic Honor society
- Association for Psychological Science
- Psychonomics Society