

# Veronika Shamova

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## Curriculum Vitae

### Education

- 2016–present **MSc in Neural Systems and Computation**, *University of Zürich and ETH Zürich*, Zürich.
- 2013–2016 **BSc in Neuroscience**, *New York University*, New York.  
Minor in Computer Science
- 2012–2013 **BSc in Biology**, *University of Massachusetts*, Amherst.  
Transferred to New York University in 2013

### Master's Thesis

- Title *Amygdala and hippocampus oscillations in human fear conditioning*
- Supervisors Professor Dominik Bach & Professor Valerio Mante

### Experience

- 2017–2018 **Master's Student**, *Bachlab*, University of Zürich.  
Worked on a Master's project. Responsibilities included developing a pipeline for iEEG data analysis using MATLAB and SPM, working with MRI and CT scans, and conducting statistical analyses.
- 2015–2016 **Research Assistant**, *Mar Lab*, NYU Langone Medical Center.  
Assisted on a project that investigated attentional function in mice. Responsibilities included handling and testing animals, collecting and analyzing data.
- 2012–2013 **Research Assistant**, *Cognition and Action Lab*, University of Massachusetts, Amherst.  
Assisted a graduate student with a project investigating the role of sleep in emotional memory recall. Tested participants, set up polysomnography equipment, helped with data retrieval.

### Programming skills

- Beginner HTML, Java, C
- Intermediate Python,  $\text{\LaTeX}$
- Advanced MATLAB, R

### Software skills

- Intermediate SPM, FreeSurfer, FieldTrip

### Laboratory animal handling

- Certificates IACUC (US), LTK (Switzerland)