

veronikashamova

neuroscience student

about

vss245@nyu.edu
vss245.github.io

programming

R, MATLAB ...
Python, \LaTeX ..
Java, C, HTML •

software

SPM ..
FreeSurfer •

lab skills

MRI safety course
animal handling

languages

russian ...
english ...
german ..

interests

cognitive neuroscience, learning and memory, neuroimaging, computational modelling, programming

education

- 2016-2019 **M.Sc.** Neural Systems and Computation ETH Zürich/University of Zürich
Thesis: Amygdala and hippocampus oscillations in human fear conditioning
- 2013–2016 **B.Sc.** Neuroscience New York University
Minor concentration in Computer Science
- 2012-2013 **B.Sc.** Biology University of Massachusetts Amherst
Transferred to NYU in 2013

experience

- 2017-2018 **Bachlab, University of Zürich** Master's Student
- Worked on a Master's project
 - Developed a pipeline for processing and analysing iEEG data in MATLAB and SPM
 - Worked with structural MR and CT scans
 - Performed statistical analyses and modeling in R
- 2015–2016 **Mar Lab, NYU Langone Medical Center** Research Assistant
- Assisted on a project that investigated decision making in mice
 - Handled and tested animals
 - Gathered data and performed preliminary analyses
- 2012–2013 **Cognition and Action Lab, UMass Amherst** Research Assistant
- Assisted on a project regarding sleep in emotional memory recall
 - Tested and debriefed human participants
 - Set up polysomnography equipment
 - Helped with data retrieval