

# JESHUA TROMP, MSc

NEURO SCIENTIST

## PROFILE

I am a PhD student in cognitive neuroscience. Having a multidisciplinary background, I have learned to appreciate various sciences and the methods used in these fields. My goal is to become an interdisciplinary neuroscientist, specialized in the fields of neuroinformatics and cognition.

## CONTACT

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## EDUCATION

<b>2017 – 2019</b>	<b>Neuroscience &amp; Cognition (GPA 4.0)</b> Utrecht University, MSc
<b>2013 – 2017</b>	<b>College of Pharmaceutical Sciences (GPA 3.8)</b> Utrecht University, Honours BSc
<b>2014 – 2016</b>	<b>Honours Programme Pharmaceutical Sciences</b> Utrecht University, Dpt. of Pharmaceutical Sciences
<b>2014 – 2016</b>	<b>Honours Programme of the Faculty of Sciences</b> Utrecht University, Science Honours Academy

## SKILLS

<b>MS Office</b>	
<b>Bourne Again Shell</b>	
<b>Python</b>	
<b>R</b>	
<b>SPSS</b>	
<b>Matlab</b>	
<b>SPM</b>	

## RESEARCH EXPERIENCE

<b>2019 – present</b>	<b>PhD in cognitive neuroscience</b> Cognitive Psychology Department, Leiden University Working title: <i>"The effect of arousal on cognitive control"</i> PI: Prof. Sander Nieuwenhuis
<b>2019</b> (8 months)	<b>Neuroimaging Internship</b> Cognitive Neuroscience Department (Karolinska Institutet, Stockholm) Title: <i>"The role of genetics and intelligence on the development of the adolescent brain"</i> Main techniques and programs used: Python, R, Bourne Again Shell, Freesurfer, FSL PI: Prof. Torkel Klingberg
<b>2018</b> (3 months)	<b>Literature study</b> Experimental Psychology Department (University Utrecht). <i>"The role of working memory capacity in the advancement of Homo Sapiens."</i> PI: Prof. Jack van Honk
<b>2017-2018</b> (9 months)	<b>NeuroImaging Internship</b> Psychiatry Department (UMC Utrecht) <i>"Machine Learning Analysis to identify transdiagnostic neural correlates of hallucinations".</i> Main techniques and programs used: Support Vector Machine, Matlab, SPSS, Bourne Again Shell PI: Prof. Iris Sommer, Prof. Hugo Schnack
<b>2016-2017</b> (8 months)	<b>Neuro-immunology Internship</b> Laboratory of Neuroimmunology and Developmental Origins of Disease (NIDOD). <i>"FAM173b as a chronic pain trigger that works through a mitochondrial ROS dependent pathway".</i> Main techniques and programs used: FACS, Western Blot, light microscopy, immunostaining, DNA extraction, recombinant DNA technologies, protein purification, cell culture maintenance, SPSS. PI: Niels Eijkelpamp
Co-authorship	Willemen, Hanneke LDM, et al. <i>"Identification of FAM173B as a protein methyltransferase promoting chronic pain."</i> PLoS biology 16.2 (2018): e2003452.

## WORK EXPERIENCE

- 2017                   **Quality & Safety Administrator of the Drug-Production-Pipeline**  
                        UMC Utrecht, Pharmacy
- 2015 – 2018         **Student Ambassador**  
                        Utrecht University, College of Pharmaceutical Sciences

## EXTRACURRICULAR ACTIVITIES

- 2014 – present**     **Student Football Association Odysseus '91**  
                        Organised several activities for the members, including a large-scale gala to celebrate the 25th anniversary.
- 2014-2018**           **Student Rowing Association A.U.S.R. Orca**  
                        Introductory committee, Utrecht Water Sports Collaboration Committee, Bar Committee, and Photographers Committee
- 2013 - 2017**          **Study association Unitas Pharmaceutorium**  
                        Honours Track representative CPS committee. Organized lunch lectures, a pub quiz, and a pub crawl.

## ACCOMPLISHMENTS

- Research Dissertations**     I have written various reviews using paper journals, Internet database research, and library-based research. Furthermore, I am also a reviewer for the internal journal of Neuroscience & Cognition.
- Teamwork**                I have successfully worked in numerous committees, both in an academic context as well as in a non-academic context.
- Communication**        A focus point in my Honours Bachelor was effective communication of science. Therefore during my bachelor, I have successfully done numerous of oral, poster and pitch presentations. In June 2018 I have presented my work "*Machine Learning Analysis to identify transdiagnostic neural correlates of hallucinations*" at a symposium about machines and the brain