

Mitchel Kappen

+316 55 68 44 63 • Oakland, CA - Ghent, Belgium • mitchelkappen@gmail.com
Website: mitchelkappen.github.io • linkedin.com/mitchelkappen • github.com/mitchelkappen

EXPERIENCE

Ph.D. in Life Sciences

2019 - 2023

Ghent University | Ghent, Belgium

Dissertation: *The Sound of Stress: New Insights into Speech-based Assessment and Monitoring of Stress and Mental Health*. Researching the effects of **acute stress on speech** using **psychophysiological** measures such as ECG, EDA, and EEG. Side-project into the effects of PMS on both explicit **self-reported and facial emotional reactivity** in different phases of the menstrual cycle. Specialization in data wrangling, analyses, and visualization in **R and Python**.

Key Accomplishments:

- Research stay at **Stanford University/UCLA** with Dr. George Slavich
- **16 (7 first-author) papers**, including Neuroscience & Biobehavioral Reviews and Behavior Research Methods
- Organized 4 in-depth, multi-day workshops on topics such as AI and health research and several research techniques
- See full (academic) CV on mitchelkappen.github.io for details on grants, awards, and papers

Neuroscience Researcher

2019

Alpha.One | Rotterdam, The Netherlands |

Alpha.One is an **AI and consumer neuroscience start-up** where I developed online experiments including mouse tracking, webcam eye-tracking, and implicit pricing reaction tasks using JavaScript, HTML, and Python. Perform data analyses and visualizations for B2B customers. Assisting role in the development of predictive eye-tracking algorithm.

Junior Researcher

2018 - 2019

Neurolytics.ai | Utrecht, The Netherlands

Neurolytics is an HR tech startup where I **built their MVP for online data collection and analyses of facial video data**. I wrote code to compute emotional expressions from OpenFace data and built **predictive models** for job applicants' engagement and motivation during online job interviews and assessments. Currently, I am still involved as an external advisor and collaborator.

Tech and Sales Support

2013 - 2016

Swoop | The Netherlands

At Swoop, I worked as a **repair and customer support technician**, performing hardware and software repairs on smartphones and laptops, and held **end responsibility for customer satisfaction, quality control, and sales**. I also initialized the branch for SEO and online marketing and played a key role in future directions discussions.

EDUCATION

Utrecht University, The Netherlands | Master of Science in Applied Cognitive Psychology

2019 - 2020

- Thesis "Predicting Person-Organization and Person-Job Fit Objectively: Stress, motivation, and Nervousness During a Video-Based Pre-hire Screening": 9/10
- *Advisory board*, Faculty association; *Tutor and Mentor*, Utrecht University

Utrecht University, The Netherlands | Bachelor of Science in Cognitive & Neurobiological Psychology

2013 - 2019

- Thesis: 8.5/10
- Neuroscience research stay (1 year) at the University of Victoria, BC, Canada
- *Board Member*, Faculty association; *Board Member*, Utrecht University Fund; *Vice-president*, Bitcoin Club; *Volunteer*, Let's Talk Science; *Research Assistant*, Krigolson Lab; *Minor*, Communication & Information Sciences

SKILLS

R, Python, HTML, JavaScript | Statistics, Modeling | Data Visualization | Psychophysiology | Photoshop, InDesign | Networking | Presenting

— Go to mitchelkappen.github.io for more details on my background, education, publications, code, and social —