

Mitchel Kappen, Ph.D.

(341) 899-7957 • Oakland, CA • 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*. Conducted in-depth research on the impact of **acute stress on speech**, utilizing **psychophysiological** measures (ECG, EDA, EEG). Explored the effects of PMS on **self-reported and facial emotional reactivity** through a specialized side-project. Specialization in advanced data wrangling, analysis, and visualization with **R and Python**.

Key Accomplishments:

- Research stay at **Stanford University/UCLA** with Dr. George Slavich
- **19 (7 first-author) papers**, including Neuroscience & Biobehavioral Reviews and Behavior Research Methods
- Organized and led multiple workshops on AI, health research, and data analysis and research techniques.
- See full (academic) CV on mitchelkappen.github.io for details on grants, awards, and papers

Entrepreneur / Co-founder and CEO

2022 - present

Gezondheidsweb.nl | The Netherlands

Launched and manage an online health products platform, overseeing **marketing, product development, and sales**.

Neuroscience Data Scientist

2019

Alpha.One | Rotterdam, The Netherlands

At this **AI and consumer neuroscience** startup, led the development of advanced (online) experiments, focusing on user engagement and behavior tracking through techniques like mouse tracking, webcam eye-tracking, and EEG. Utilized programming (JavaScript, HTML, and Python) to design and execute a range of experiments. Performed comprehensive **data analyses and visualizations** tailored for B2B clients, contributing to actionable business insights. Played a key role in the collaborative development of a predictive eye-tracking algorithm, enhancing the company's innovative product offerings.

AI Research Scientist / Data Scientist

2018 - 2019

Neurolytics.ai | Utrecht, The Netherlands

In this HR tech startup, co-led MVP development for **collection and analysis of online facial video data**. Developed and implemented algorithms to compute emotional expressions from OpenFace data, creating **predictive models** to assess engagement and motivation.

Technical Support Specialist and Sales Associate

2013 - 2016

Swoop | The Netherlands

At Swoop, I worked as a **repair and customer support technician**, performing repairs on smartphones and laptops, and was **responsible for quality control, and sales**. I also initialized the branch for SEO and online marketing.

EDUCATION

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

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

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

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

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