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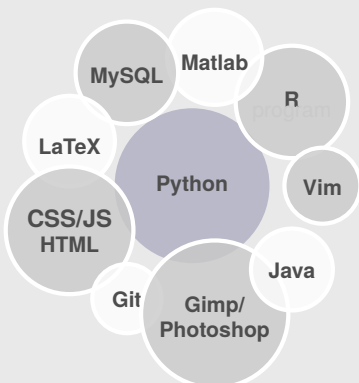


github.com/riensonck

Personal Skills

- Curious
- Eager to learn
- Independent
- Organized
- Analytical

Computer Skills



Rien Sonck

Passionate about Neurotechnology

Education

- 09/18 - 09/20 **Master of Science (M.S.), Experimental and Theoretical Psychology**
[Ghent University](#) | [Ghent, Belgium](#)
Key areas: Cognitive science, cognitive neuroscience, computational modeling.
Graduated magna cum laude.
Master thesis: Computational modeling of brain oscillations (Score: 85%).
- 01/15 - 09/18 **Bachelor of Science (B.S.), Experimental and Theoretical Psychology**
[Ghent University](#) | [Ghent, Belgium](#)
Key area: Cognitive science.
Graduated cum laude.
- 08/11 - 06/14 **Academic Diploma with Honors**
[QSI International School of Chengdu](#) | [Chengdu, China](#)
GPA: 3.6/4.0
Advanced Placement (AP) courses: Computer science (GPA: 4.0), physics (GPA: 4.0), psychology (GPA: 3.8), world history (GPA: 4.0).
Research project on artificial intelligence.
- 09/09 - 06/10 **Certificate A, 1st Grade Secondary Education Modern Science**
[Sint-Bernardusinstituut](#) | [Knokke-Heist, Belgium](#)

Research Experience

- 09/19 - 08/20 **Graduate Research Intern**
NYU-ECNU Institute of Brain and Cognitive Science
[New York University Shanghai](#) | [Shanghai, China](#)
 - Lab: The Erlich lab (www.erlichlab.org).
 - Research: Cross species comparison in risky economic decision-making.
 - Supervisors: Prof. Dr. Jeffrey Erlich and Dr. Evgeniya Lukinova.
 - Tools: Python, R, Matlab, Git, and MySQL.
- 01/19-08/20 **Graduate Research Assistant**
Department of Experimental Psychology
[Ghent University](#) | [Ghent, Belgium](#)
 - Lab: The Verguts lab (www.cogcomneurosci.com).
 - Research: The role of brain oscillations in flexible cognitive control.
 - Supervisors: Prof. Dr. Tom Verguts and Dr. Mehdi Senoussi.
 - Tools: Python, R, and Git.
- 02/16 - 10/16 **Undergraduate Research Assistant**
Department of Experimental Clinical and Health Psychology
[Ghent University](#) | [Ghent, Belgium](#)
 - Lab: The Psychopathology and Affective Neuroscience lab.
 - Research: The neural correlates of exclusion.
 - Supervisors: Prof. Dr. Sven Müller and Prof. Dr. Ernst Koster.

Interests

- Neurotechnology
- Brain-computer Interfaces (BCIs)
- Applied Science
- Data Science
- Entrepreneurship

Languages

Dutch ★★★★★
English ★★★★★
French ★★★★★
Chinese ★★★★★
German ★★★★★

Places Lived



China



Belgium

Other Experience

- 06/16 - 03/18 **Co-founder, Management & IT**
[Startup - Deduction](#) | [Ghent, Belgium](#)
Built a co-creation exercise platform, used by 2000 Ghent University students, and organized workshops.
- 02/18 - 04/18 **Programming Coach**
[CodeCity - Digipolis](#) | [Ghent, Belgium](#)
I introduced 67 children (11-12 years old) to computational thinking.
- 09/16 - 09/17 **Student Representative**
[Ghent University](#) | [Ghent, Belgium](#)
Elected at the Faculty of Psychology and Educational Sciences.

Honors & Awards

- 2018 **Winning team**
[Youth Leadership Awards](#)
Rotary Belgium-Luxemburg.

Certifications & Courses

- | | |
|---|---|
| 2020 Linear Algebra: Theory + Coding
Udemy. E-learning
<i>[In Progress]</i>
Vector and matrix analysis with coding in Python. | 2019 Mandarin Course Level 3
Dominochinese. E-learning
Learning the Chinese language. |
| 2019 PyTorch Machine Learning
Udacity & Facebook. E-learning
Scholarship Challenge.
Introduction to machine learning with PyTorch. | 2018 Web Development
Udemy. E-learning
License: UC-XZR9LSFO
Web development with HTML, CSS, and Javascript. |
| 2017 Android Basics Nanodegree
Udacity & Google. E-learning
confirm.udacity.com/QRPGKD6D
Introduction to Android-Java programming. | 2016 Python Bootcamp
Udemy. E-learning
License: UC-CXKBMYYDB
Introduction to Python programming. |
| 2016 Linux Ubuntu Server Basics
Udemy. E-learning
License: UC-4CUW11Q7M
Introduction to server management. | |