

Olivia Jools Bahr – academic CV

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*13.11.2006 in Hamburg



EDUCATION

Gymnasium Eppendorf (2016-2025)

- Best Abitur result of the graduating class (NC: 0.8 = GPA: 4.0)

University of Hamburg (2021-2024)

- Completed junior studies in physics (BSc.) in modules of experimental and theoretical physics as well as mathematics for physicists

Student Research Center Hamburg (2020-2024)

- Work on research projects such as “A2C-System” or “PROVOID”
(report: <https://www.sfz-hamburg.de/portrait-olivia-bahr/>)

PROFESSIONAL EXPERIENCE

PROVOID (since 2025)

- Founder of the Startup „PROVOID“ (www.provoid.de)
Development of programs for the stimulation of brain areas through external stimuli in sports and business

Self-employed IT (seit 2025)

- Programming of websites and apps for companies such as THE KEY – LUXURY BESPOKE LIVING (reference: www.thekey-luxury.com) or Deepvelop

INTERNSHIPS

Internship at an internal medicine doctor (Dr. Stamatis – Autumn 2025)

- One-week internship

Nursing internship at Universitätsklinikum Eppendorf (October 2025 – January 2026)

- Three-month nursing internship at the neurological and neurosurgical monitoring station 1i of the University Medical Center Hamburg-Eppendorf

Internship at neurological medicine doctor (2026 – Dr. Schönenfeldt)

- Four weeks of practical work at data-collection, EEG measurements & other medical activities

COMPETITIONS AND AWARDS

International Physics Olympiad (2022)

- Successful participation

Internationale Chemistry Olympiad (2022)

- Successful participation

Jugend forscht/Schüler experimentieren – Computer Science & Technology

- 1. State-level price with the project „A2C-System“

Jugend forscht/Schüler experimentieren – Biology & Chemistry

3rd regional-level price with the project “Investigation of mineral residues in baked goods”

International Mathematics Olympiad (2023)

- Qualified for the national state round (first upper-level student of Gymnasium Eppendorf)

Internationale Mathematics Olympiad (2024)

- Qualified for the national state round

Internationale Mathematik Olympiade (2025)

- Qualified for the national state round

Junior Academy St. Peter-Ording (2021)

- Successful participation at highly selective academic summer academy for gifted students, offering intensive interdisciplinary coursework, research-oriented learning, and collaborative problem-solving in a rigorous intellectual environment beyond the standard curriculum.

Jugend forscht/Schüler experimentieren – Arbeitswelt (2024)

- 1. Regional-level price (UKE) & 2. State-level price (Airbus), extra-price: participation at „Young-Founders-summer school“ (Erfurt)

Young-Founders summer school

- Nationwide 2. price at Young-Founders summer school in Erfurt
(report: <https://share.google/oaBYOkC9mhaxGIM97>)

STARTERiN Hamburg 2025

- Nominated for STARTERiN Award Hamburg 2025 (Top 6)

CERTIFICATES

- **Harvard-Zertifikat:** Fundamentals of Neuroscience, Part 2: Neurons and Networks (Grade: 94%)
- **Cambridge-Zertifikat:** Introduction to Cognitive Psychology & Neuropsychology (Grade: 92%)
- **Cambridge-Zertifikat:** The Neuropsychology of decision-making (Grade: 95%)
- **IBM-Zertifikat:** Search Engine Optimization and Content Marketing (Grade: 100%)
- **Copenhagen Business School-Zertifikat:** Introduction to Consumer Neuroscience and Neuromarketing (Grade: 100%)

IT SKILLS

HTML: Advanced

JavaScript: Advanced

Python: Advanced

Node JS: Advanced

React & React Native: Advanced

MS PowerPoint: Advanced

MS Excel: Basic

OTHER ACTIVITIES

Research Stay at the University of Dundee (May 2026)

- confirmed research stay at the Neurocognitive Research Centre at the University of Dundee in May 2026, with observational visits in Glasgow and Liverpool