

Curriculum Vitae as of December 7, 2024

Name

Max Can Demirdilek

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Education

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| 2024- | <i>University of Hamburg, Hamburg, Germany</i>
Research associate in the collaborative research center "Higher Structures, Moduli Spaces and Integrability". Studies in Pure Mathematics (PhD) with Christoph Schweigert. |
| 2024 | <i>University of Hamburg, Hamburg, Germany</i>
Master in Mathematics, Thesis advisor: Christoph Schweigert
Thesis title: "Surface diagrams for Grothendieck-Verdier categories"
Final grade: "excellent". Grade of the thesis: "excellent". |
| 2022-2024 | <i>University of Hamburg, Hamburg, Germany</i>
Studies in Pure Mathematics (M.Sc.) |
| 2022 | <i>University of Hamburg, Hamburg, Germany</i>
Bachelor in Mathematics, Thesis advisor: Christoph Schweigert
Thesis title: "Strong linearly distributive categories are shift monoidal"
Grade of the thesis: "excellent". Final grade: "excellent" |
| 2018-2022 | <i>University of Hamburg, Hamburg, Germany</i>
Studies in Pure Mathematics (B.Sc.)
Complementary subject (Ergänzungsfach): Historical musicology |
| 2016 | Gymnasium Klosterschule Hamburg
High school diploma (Abitur) with final grade 1.0
Main subjects (Profilfächer): Mathematics, Physics, Computer science and Philosophy |
| 2015-2016 | <i>University of Hamburg, Hamburg, Germany</i>
Junior Studies (Juniorstudium) in Philosophy
Completed the course "Logik und Argumentationstheorie" with distinction |
| 2014-2016 | Gymnasium Klosterschule, Hamburg, Germany |
| 2014 | Ardingly College, Ardingly, United Kingdom
AS levels in Mathematics (A), Physics (A), Economics (A), Music (A) |
| 2013-2014 | Year abroad at Ardingly College, Ardingly, United Kingdom |
| 2007-2013 | Gymnasium Klosterschule, Hamburg, Germany (secondary school) |
| 2003-2007 | Grundschule Bahrenfelder Straße, Hamburg, Germany (primary school) |

Teaching experience

2023-2024	Tutor for “Topologie I”
2023	Tutor for “Mathematik für Physiker IV”
2022-2023	Tutor for “Mathematik I (Lehramt Sekundarstufe)”
2022	Tutor for “Lineare Algebra und Analytische Geometrie II”
2021-2022	Tutor for “Lineare Algebra und Analytische Geometrie I”
2014-	Private tuition for high school students and mathematics undergraduates

Awards

2023-	Scholarship, German National Merit Foundation (Studentenstiftung des deutschen Volkes)
2023	Scholarship, Deutschlandstipendium, declined
2016	Successful participation in the International Physics Olympiad (IPhO). Only student from Hamburg to reach the federal round (Bundesrunde) in 2016

Languages

German:	Native proficiency
English:	C1/C2
Spanish:	B2
Turkish:	B1
Arabic:	A1
Italian:	A1
Mandarin:	A1

Internships

2015	Two-week internship at the HR department of various research groups at the “European X-Ray Free-Electron Laser Facility GmbH” in Hamburg
2012	Three-week internship at “Airbus Operations GmbH” in Hamburg

Extracurricular activities

2022-	Voluntary work as a private tutor in the non-profit “Studenten bilden Schüler e.V.” Attendance of didactics courses as part of this activity.
2019-	Active member of the University of Hamburg Triathlon Club (Hochschulsport).
2019-2022	Active participation in the Amnesty International Altona group.
2018	Three-month voluntary work with the charity “Hanseatic Help e.V.”
2015	Two-week trip to St. Petersburg, Russia, as part of a workcamp of “Internationale Jugendgemeinschaftsdienste (ijgd)”.
2015	Participation in an exchange project with a high school in Istanbul, Turkey. The project revolved around various topics in the history of mathematics and physics.
2014 & 2015	Participation in the Model United Nations in Espergærde, Denmark, as a delegate.
2014	Two-week trip to The Gambia. Part of an exchange project with various Gambian schools.
2012	Participation in the event “Zukunftsdialog” at the German Chancellery.