

Curriculum Vitae as of July 1, 2024

Name

Max Can Demirdilek

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Citizenship

German

Education

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|-----------|---|
| 2022- | <i>University of Hamburg, Hamburg, Germany</i> Studies in Pure Mathematics (M.Sc.), Thesis advisor: Christoph Schweigert Tentative thesis title: "A graphical calculus for Grothendieck-Verdier categories" Current average grade: "excellent" |
| 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

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| 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

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| 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 |

Foreign languages

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| English: | C1/C2 |
| Spanish: | B2 |
| Turkish: | B1 |
| Arabic: | A1 |
| Italian: | A1 |
| Mandarin: | A1 |

Internships

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| 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

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| 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 Esbjerg, 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. |