

# THERESA TRATZMÜLLER

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Fresh IT graduate specialized in Cybersecurity and Privacy. Most recent technical adventures include working with the Tor codebase and attacking cryptographic schemes.

## Education

<b>Technische Universität Berlin</b> <i>Master of Science in Information Systems Management</i> <i>Distributed Systems and Networks Focus</i> <i>Grade 1.0 (equiv. 4.0 GPA)</i> <i>Thesis Topic: "Analyzing the Feasibility of Integrating a Mix Network into Tor"</i>	<b>Oct. 2020 – Oct. 2023</b>  <i>Berlin, Germany</i>
<b>École Polytechnique Fédérale de Lausanne (EPFL)</b> <i>Exchange Student (Erasmus Scholarship)</i> <i>Security and Privacy Focus</i>	<b>Sept. 2021 – Aug. 2022</b>  <i>Lausanne, Switzerland</i>
<b>Technische Universität Berlin</b> <i>Additional Bachelor-Level Studies in Computer Science/Economics &amp; Management</i> <i>(Qualification for Master's in Information Systems Management)</i>	<b>Oct. 2019 – Sept. 2021</b>  <i>Berlin, Germany</i>
<b>Technische Universität Berlin</b> <i>Master of Science in Human Factors</i> <i>Quantitative Methods Focus</i> <i>Grade 1.0 (equiv. 4.0 GPA)</i>	<b>Apr. 2016 – Nov. 2019</b>  <i>Berlin, Germany</i>
<b>Universität Hamburg</b> <i>Bachelor of Science in Psychology</i> <i>Grade 1.5 (equiv. 3.5 GPA)</i>	<b>Oct. 2011 – Feb. 2015</b>  <i>Hamburg, Germany</i>

## (Selected) Experience

<b>Electrical Engineering &amp; Computer Science Faculty,</b> <b>Technische Universität Berlin</b> <i>Tutor</i> <ul style="list-style-type: none"><li>• Subjects: Introduction to Programming (using C), Algorithms &amp; Data Structures (using Java).</li><li>• Conceptualized and taught a weekly tutorial (Introduction to Programming).</li><li>• Helped students with their programming homework (Introduction to Programming, Algorithms &amp; Data Structures).</li><li>• Assisted in testing, supervising and correcting exams (Introduction to Programming, Algorithms &amp; Data Structures).</li></ul>	<b>Oct. 2022 – Sept. 2023</b>  <i>Berlin, Germany</i>
<b>Mobile Cloud Computing Research Group,</b> <b>Technische Universität Berlin &amp; Einstein Center Digital Future</b> <i>Research Assistant</i> <ul style="list-style-type: none"><li>• Contributed to the development of an Android app.</li><li>• Conducted analyses of geospatial data.</li></ul>	<b>Sept. 2018 – Aug. 2021</b>  <i>Berlin, Germany</i>
<b>New Media &amp; Quantitative Methods Research Group,</b> <b>Technische Universität Berlin</b> <i>Tutor</i> <ul style="list-style-type: none"><li>• Subject: Quantitative Research Methods in the Social Sciences.</li><li>• Taught weekly tutorials.</li><li>• Helped students with their theoretical homework and programming assignments.</li></ul>	<b>Dec. 2017 – Mar. 2019</b>  <i>Berlin, Germany</i>
<b>Immobilien Scout GmbH</b> <i>UX Research Working Student</i> <ul style="list-style-type: none"><li>• Assisted in planning and conducting user tests as well as documenting their results.</li><li>• Coordinated, conducted and analyzed customer satisfaction surveys.</li></ul>	<b>Jul. 2017 – Jan. 2018</b>  <i>Berlin, Germany</i>

## Technical Skills

**Programming:** Python, C, Java, Scala, R  
**Technologies:** Linux, Git, Docker, Networking, AWS

## Languages

**German:** Native  
**English:** Fluent  
**French:** Basic