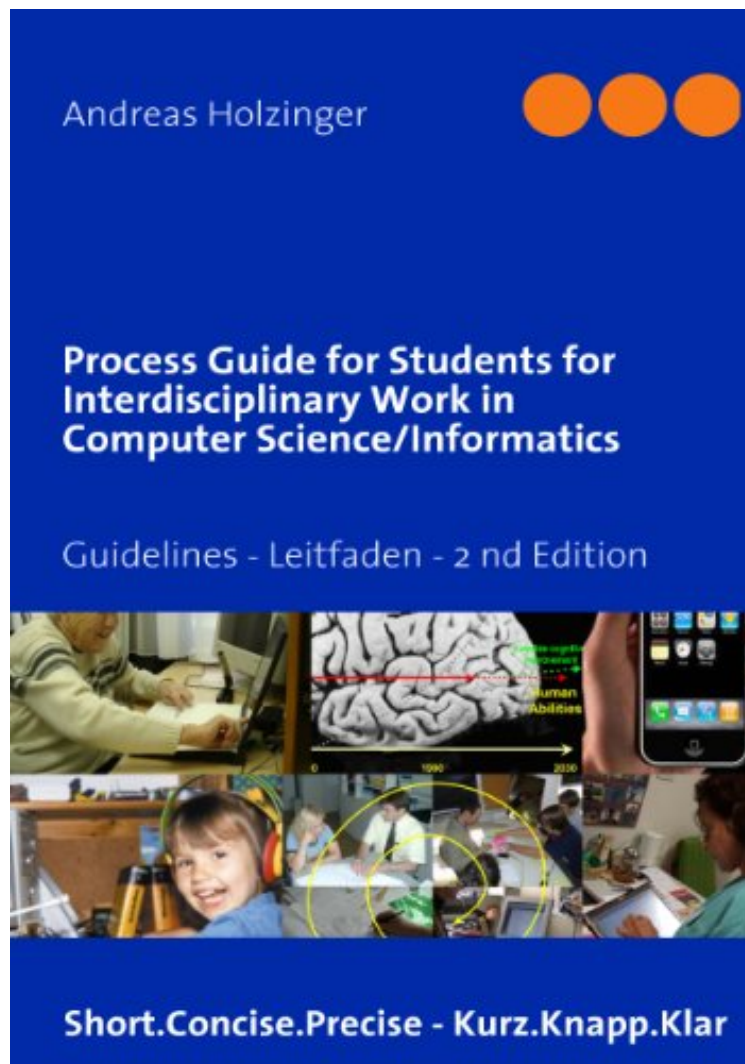


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Von *Andreas Holzinger*
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Kundenrezensionen
Hilfreichste Kundenrezensionen 2 von 2 Kunden fanden die folgende Rezension hilfreich. Toller Leitfaden für die wissenschaftliche Arbeit! Von Willfort-Zitz Wer schon einmal mit der Erstellung einer wissenschaftl. Arbeit beschäftigt war, kann sofort nachvollziehen warum dieses Handbuch geschrieben werden musste! Von der Themenfindung bis zu Fördermöglichkeiten behandelt das Handbuch die wirklich relevanten Themen für die Erstellung wissenschaftlicher Arbeiten. Der berufliche Werdegang des Autors vom Lehrling zum Akademiker zieht sich sichtbar durch das gesamte Werk. Wissenschaftliche Methodik und praktische Tipps machen es zu einem wichtigen Begleiter bei der Erstellung wissenschaftlicher Arbeiten - egal ob Mini-Forschungsprojekt oder Dissertation. 1 von 1 Kunden fanden die folgende Rezension hilfreich. "Short, concise, precise" and actually really helpful. Von kahest With this book, the author goes on a journey through the whole process of doing an academic work, never missing to provide helpful extra pieces of information, and the best thing is, he takes the reader with him. The journey naturally starts out at the very beginnings of the work, constituted by an overview of the typical organizational structure, the topic finding and literature research. It then continues to answer questions such as how to structure and format the written work, while giving hints about why English is currently the one most important language in science, as well as how to use the language accordingly in a scientific context. At this point, where other similar guides often conclude and leave students and other readers on their own, this book ventures forth into the realms of scientific theory (Hypothetic-Deductive approach), evaluation, experimentation and data analysis (along with some necessary basics in statistics). Finally, the last legs of the journey are dedicated to the presentation of the work (poster, talk, writing) and the ever important issue of how and where to get your works and project ideas published and funded. The guide is well-written and, as it claims on the cover, short, concise and precise. On the whole, I can highly recommend it not only for students, but everyone concerned with or interested in any of the topics mentioned above. 1 von 1 Kunden fanden die folgende Rezension hilfreich. Do you want to know how to write and present a research work - buy this book! Von Debevc I always have trouble after saying to students in my class: "You have to write a short research paper on a topic in Human-Computer Interaction!". First, all students look at me and then each other with big eyes asking: "How to do it?" After the first shock I usually have to give a talk for at least three hours about how to write a research paper, despite the fact that I share a lot of information on my web page. I always missed a complete guide, a book, where all information would be at one place. After getting the book "Process Guide for Students for Interdisciplinary Work in Computer Science/Informatics" in my hands, I knew at first sight that this book is exactly what me and my students need! In this book we could easily find all the necessary information about finding a specific topic, reading, literature research, where to find references and how to distinguish between different good and bad references. There is even a rare information about reading patents, which is also important to find new, relevant information about ongoing work in the field of research. Research, like usability testing, measuring the human and analysis of the research data, is a must for every scientific paper. The relevant information is also found in this book, e.g. how to evaluate the data, what are descriptive statistics and how to present the data in the paper. After the paper is written, students should also know how to present it and the book gives short and precise information about presenting the poster, having a talk at the conference and even how to submit a paper to the journal or, interestingly, but importantly, to the research grants. At the end of the book, the author proposes some good further references, books, which are helpful for writing a paper. Personally I found this book as an excellent book for students and even for many young researchers and teachers as a complementary book for their career. I will strongly recommend this book as a short, informative book on how to write a research work, including all information at one place.

Kurzbeschreibung The process of doing an academic work, whether a mini-project, diploma thesis, masters thesis or PhD thesis, requires systematic knowledge and skills in order to answer the following questions: How do I find a topic?, How do I obtain funding money?, How do I write a project proposal?, How is the organisatoric workflow?, How do I search Literature systematically?, Why should I read patents?, How can I organize my references?, Why English as a working language?, What is the formal structure of a thesis like?, What is the classical hypothetic-deductive research process?, Which research methods could I use?, How will my posters, my presentations and my written work be graded?, How do I contribute to a conference?, How do I contribute to an archival Journal?. These questions are discussed on the basis of the subjects Engineering (Computer Science/Informatics) and Natural Sciences (Psychology) and Business (Software Engineering/Business), which can be bridged by the subject Human-Computer Interaction and Usability Engineering (HCIUE). Since science is trans-cultural, inter-subjective and reproductive; these fundamentals can be further applied to almost any subject. Die Durchführung einer akademischen Arbeit, ob Mini-Projekt, Diplomarbeit, Masterarbeit oder Doktorarbeit erfordert systematische Kenntnisse und Fertigkeiten um folgende Fragen zu beantworten: Wie finde ich ein Thema?, Wie komme ich zu Förderungen?, Wie verfasse ich einen Projektantrag?, Wie läuft eine Arbeit organisatorisch ab?, Wie führe ich eine systematische Literatursuche durch?, Warum sollte ich Patente lesen?, Wie kann ich meine Literatur verwalten?, Warum Englisch als Arbeitssprache?, Wie ist der formale Aufbau einer Arbeit?, Wie läuft der klassische Forschungsprozess ab?, Welche Forschungsmethoden

gibt es?, Wie werden meine Poster, Vorträge und schriftlichen Arbeiten beurteilt?, Wie verfasse ich einen Konferenzbeitrag?, Wie verfasse ich einen Beitrag zu einer wissenschaftlichen Zeitschrift?. Diese Fragen werden exemplarisch an Hand von Ingenieurwissenschaften (Informatik) und Naturwissenschaften (Psychologie) und Wirtschaft (Software Engineering/Business) besprochen, deren Brücke das Fach Human-Computer Interaction und Usability Engineering darstellt. Da Wissenschaft transkulturell, intersubjektiv und reproduzierbar sein soll, lassen sich die Prinzipien aber auch auf andere Gebiete übertragen.

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ber den Autor und weitere Mitwirkende

Head of the Research Unit Human-Computer Interaction (hci4all.at), Institute for Medical Informatics, Statistics and Documentation, Medical University Graz; Assoc. Prof. for Informatics at the Institute of Information Systems and Computer Media, Faculty of Computer Science and Lecturer at the Institute of Genomics and Bioinformatics, Faculty of Electrical and Information Engineering, Graz University of Technology; Andreas was Visiting Professor in Berlin, Innsbruck, Vienna, London and Aachen. Since 1999 participation in leading positions in 30+ multinational research and development projects with a budget of 3+ MEUR; 300+ publications, 2600+ citations, h index = 25, g Index = 56, (08/2012). Motto: Science is to test ideas - Engineering is to put these ideas into practice.