

Contents

Acknowledgments ix

Introduction: Taking the Long View of Digital Revolution 1

- The Threat to Human Agency 3
- We Should Avoid a Present Bias about Computers and a Belief in Human Exceptionalism 6
- Forward to a Social-Digital Future 9
- A Note on Philosophical Method 15
- An Outline of the Book 16

1 Is the Digital Revolution the Next Big Thing? 23

- Will the Digital Revolution Fizzle? 26
- The Magic Combination of Artificial Intelligence and Data 30
- How AI Could Transform Transportation 33
- How AI Could Transform Health 38
- Concluding Comments 42

2 AI's Split Personality—Minds or Mind Workers? 43

- Philosophical and Pragmatic Interests in Machine Minds: A Focus on Making Minds or on Doing Mind Work 45
- The Difference between Authentic and Ersatz Minds 51
- Hyperactive Agency Detectors and Human-Like Machines 54
- A Moral Reason to Avoid Creating Machines with Minds 57
- Concluding Comments 59

3 Data as a New Form of Wealth 61

- How Could Data Be Wealth? 62
- Unfairness and the New Forms of Wealth 66
- Does Data Want to Be Free? 68
- Do unto Facebook and Google ... Micropayments for the Use of Our Data? 73
- Concluding Comments 79

4	Can Work Be a Norm for Humans in the Digital Age?	81
	Searching for Work that Is Both Productive and Therapeutic in the Digital Age	82
	The Inductive Optimism of the Economists	84
	The Protean Powers of the Digital Package	88
	Will Humans Always Control the Last Mile of Choice?	92
	A Conjecture about the Labor Market of the Digital Age	99
	Gaining Philosophical Perspective on the Dispute between Optimists and Pessimists	102
	Concluding Comments	106
5	Caring about the Feelings of Lovers and Baristas	109
	What Is It Like to Love a Robot?	110
	From Romantic to Work Relationships	118
	What Counts as a Social Job?	123
	Can I Justify My Pro-Human Bias?	125
	Concluding Comments	129
6	Features of the Social Economy in the Digital Age	131
	Two Economies for the Digital Age	132
	Some Noteworthy Differences between Social and Digital Goods	135
	The Ambiguous Digital Futures of Sales Assistants	143
	The Different Digital Age Futures of Uber and Airbnb	145
	Space Exploration as Social Work	149
	Concluding Comments	153
7	A Tempered Optimism about the Digital Age	155
	The Different Logic of Predictions and Ideals	156
	We Should Prefer Robust Ideals	162
	The Social-Digital Economy versus the Collaborative Commons	163
	The Social-Digital Economy versus a Jobless Future with a Universal Basic Income	165
	The UBI as an Inadequate Response to Inequality in the Digital Age	167
	An Expanded Basic Income?	171
	Concluding Comments	173
8	Machine Breaking for the Digital Age	175
	See through the Digital Halo Effect!	176
	Don't Fall for Tech TINA!	179
	If You Can Cheat an Algorithm, Then Why Not?	181
	Work for Free for Oxfam, but Make Facebook Pay!	183
	Don't Fight the Last War!	184
	Concluding Comments	189

9 Making a Very Human Digital Age 191

Welcoming a Social Age 196

Notes 199

Index 217