## CONTENTS

|          | List of Contributors Introduction   |     |
|----------|---|-----|
|          | Carissa Véliz   |     |
|          | PART I. ETHICAL THEORIES AND DIGITAL ETHICS   |     |
| 1.       | The History of Digital Ethics VINCENT C. MÜLLER                                     | 3   |
| 2.       | Virtues in the Digital Age<br>Shannon Vallor  | 20  |
| 3.       | The Ethics of Human-Robot Interaction and Traditional Moral Theories Sven Nyholm    | 43  |
|          | Is There a Right to Internet Access? ROWAN CRUFT                                    | 63  |
|          | PART II. SOCIAL MEDIA AND FREE SPEECH   |     |
|          | A Normative Framework for Sharing Information Online EMILY SULLIVAN AND MARK ALFANO | 85  |
| 6.       | Fake News: Rebuilding the Epistemic Landscape Neil Levy                             | 103 |
| With the | What's Wrong with Trolling? REBECCA ROACHE  | 121 |
| 8.       | The Moral Risks of Online Shaming Krista K. Thomason                                | 145 |

| 9.         | Is There Collective Responsibility for Misogyny Perpetrated on Social Media?  | 163 |
|------------|---|-----|
|            | HOLLY LAWFORD-SMITH AND JESSICA MEGARRY   |     |
| 10.        | Extreme Speech, Democratic Deliberation, and Social Media JEFFREY W. HOWARD   | 181 |
|            | PART III. FRIENDSHIP, LOVE, AND SEX   |     |
| 11.        | Friendship Online DEAN COCKING  | 203 |
| 12.        | The Moral Rights and Wrongs of Online Dating and Hook-Ups<br>LILY FRANK AND MICHAŁ KLINCEWICZ   | 223 |
| 13.        | The Ethics of Sex Robots Aksel Sterri and Brian D. Earp   | 241 |
| 14.        | The Ethics of Virtual Sexual Assault JOHN DANAHER   | 258 |
|            | PART IV. ETHICAL DESIGN   |     |
|            |   |     |
|            | OF TECHNOLOGY   |     |
| 15.        | OF TECHNOLOGY  Ethical Dimensions of Persuasive Technology  JAMES WILLIAMS  | 281 |
|            | Ethical Dimensions of Persuasive Technology   | 292 |
| 16.        | Ethical Dimensions of Persuasive Technology  JAMES WILLIAMS  How Robots Have Politics   | 292 |
| 17.        | Ethical Dimensions of Persuasive Technology  JAMES WILLIAMS  How Robots Have Politics  ROBERT SPARROW  Ethical Issues with Artificial Ethics Assistants   | 292 |
| 17.        | Ethical Dimensions of Persuasive Technology  JAMES WILLIAMS  How Robots Have Politics  ROBERT SPARROW  Ethical Issues with Artificial Ethics Assistants  ELIZABETH O'NEILL, MICHAL KLINCEWICZ, AND MICHIEL KEMMER  The Challenge of Value Alignment: From Fairer Algorithms to            | 312 |
| 16.<br>17. | Ethical Dimensions of Persuasive Technology  James Williams  How Robots Have Politics  Robert Sparrow  Ethical Issues with Artificial Ethics Assistants  Elizabeth O'Neill, Michal Klincewicz, and Michiel Kemmer  The Challenge of Value Alignment: From Fairer Algorithms to  Al Safety | 312 |

| 21. | Algorithmic Bias and Access to Opportunities LISA HERZOG  | 413 |
|-----|---|-----|
| 22. | The Ethics of Predictive Policing KATERINA HADJIMATHEOU AND CHRISTOPHER NATHAN                      | 433 |
| 23. | (When) Is Adblocking Wrong? THOMAS DOUGLAS  | 449 |
| 24. | Price Discrimination in the Digital Age KASPER LIPPERT-RASMUSSEN AND LAURITZ AASTRUP MUNCH          | 467 |
|     | PART VI. HEALTH   |     |
| 25. | The Ethics of Medical AI ABHISHEK MISHRA, JULIAN SAVULESCU, AND ALBERTO GIUBILINI                   | 487 |
| 26. | Health and Digital Technology Partnerships: Too Close for Comfort?  LAURA SPECKER SULLIVAN          | 508 |
| 27. | Explainable Machine Learning, Patient Autonomy, and Clinical Reasoning Geoff Keeling and Rune Nyrup | 528 |
|     | PART VII. PRIVACY AND SECURITY  |     |
| 28. | The Surveillance Delusion CARISSA VÉLIZ   | 555 |
| 29. | Privacy in Social Media Andrei Marmor   | 575 |
| 30. | The Ethics of Facial Recognition Technology Evan Selinger and Brenda Leong                          | 590 |
| 31. | Ethical Approaches to Cybersecurity KEVIN MACNISH AND JEROEN VAN DER HAM                            | 611 |
| 32. | The Ethics of Weaponized AI MICHAEL ROBILLARD   | 631 |

## PART VIII. THE FUTURE

| 33. | Should We Automate Democracy?  JOHANNES HIMMELREICH   | 655 |
|-----|---|-----|
| 34. | The Ethics of Quitting Social Media ROBERT MARK SIMPSON                                     | 685 |
| 35. | The Ethics of Brain Uploading FRANCESCA MINERVA   | 705 |
| 36. | How Does Artificial Intelligence Pose an Existential Risk? KARINA VOLD AND DANIEL R. HARRIS | 724 |
| 37. | Automation and the Future of Work  JOHN DANAHER   | 748 |
| Ind | lex   | 769 |