

# Contents

|                                 |    |
|---------------------------------|----|
| <i>List of Boxes and Figure</i> | xv |
|---------------------------------|----|

|                     |          |
|---------------------|----------|
| <b>Introduction</b> | <b>I</b> |
|---------------------|----------|

## PART I. CHANGE

|   |            |
|---|------------|
| <b>1. The Grand Bargain</b>               | <b>9</b>   |
| 1.1 Everyday conceptions                  | 10         |
| 1.2 The scope of the professions          | 13         |
| 1.3 Historical context                    | 18         |
| 1.4 The bargain explained                 | 21         |
| 1.5 Theories of the professions           | 23         |
| 1.6 Four central questions                | 31         |
| 1.7 Disconcerting problems                | 33         |
| 1.8 A new mindset                         | 37         |
| 1.9 Some common biases                    | 43         |
| <b>2. From the Vanguard</b>               | <b>46</b>  |
| 2.1 Health                                | 46         |
| 2.2 Education                             | 55         |
| 2.3 Divinity                              | 61         |
| 2.4 Law                                   | 66         |
| 2.5 Journalism                            | 71         |
| 2.6 Management consulting                 | 78         |
| 2.7 Tax and audit                         | 84         |
| 2.8 Architecture                          | 94         |
| <b>3. Patterns across the Professions</b> | <b>101</b> |
| 3.1 An early challenge                    | 103        |
| 3.2 The end of an era                     | 104        |
| 3.3 Transformation by technology          | 109        |
| 3.4 Emerging skills and competences       | 114        |
| 3.5 Professional work reconfigured        | 119        |
| 3.6 New labour models                     | 123        |
| 3.7 More options for recipients           | 128        |
| 3.8 Preoccupations of professional firms  | 134        |
| 3.9 Demystification                       | 140        |

## PART II. THEORY

|  |            |
|--|------------|
| <b>4. Information and Technology</b>                       | <b>145</b> |
| 4.1 Information substructure                               | 145        |
| 4.2 Pre-print and print-based communities                  | 147        |
| 4.3 Technology-based Internet society                      | 150        |
| 4.4 Future impact  | 153        |
| 4.5 Exponential growth in information technology           | 155        |
| 4.6 Increasingly capable machines                          | 159        |
| 4.7 Increasingly pervasive devices                         | 172        |
| 4.8 Increasingly connected humans                          | 175        |
| 4.9 A fifty-year overview                                  | 182        |
| <b>5. Production and Distribution of Knowledge</b>         | <b>188</b> |
| 5.1 The economic characteristics of knowledge              | 189        |
| 5.2 Knowledge and the professions                          | 193        |
| 5.3 The evolution of professional work                     | 195        |
| 5.4 The drive towards externalization                      | 202        |
| 5.5 The liberation of expertise: from craft to commons?    | 210        |
| 5.6 The decomposition of professional work                 | 211        |
| 5.7 Production and distribution of expertise: seven models | 215        |

## PART III. IMPLICATIONS

|   |            |
|---|------------|
| <b>6. Objections and Anxieties</b>                | <b>231</b> |
| 6.1 Trust, reliability, quasi-trust               | 233        |
| 6.2 The moral limits of markets                   | 239        |
| 6.3 Lost craft                                    | 244        |
| 6.4 Personal interaction                          | 248        |
| 6.5 Empathy                                       | 251        |
| 6.6 Good work                                     | 254        |
| 6.7 Becoming expert                               | 258        |
| 6.8 No future roles                               | 263        |
| 6.9 Three underlying mistakes                     | 267        |
| <b>7. After the Professions</b>                   | <b>270</b> |
| 7.1 Increasingly capable, non-thinking machines   | 272        |
| 7.2 The need for human beings                     | 277        |
| 7.3 Technological unemployment?                   | 284        |
| 7.4 The impact of technology on professional work | 289        |
| 7.5 The question of feasibility                   | 295        |
| <b>Conclusion: What Future Should We Want?</b>    | <b>303</b> |
| <i>Bibliography</i>                               | 309        |
| <i>Index</i>                                      | 337        |