

Contents

	Foreword	1
	About the authors	2
	About the contributors	3
	How to use this book	5
Chapter 1	Getting started with Python	9
Chapter 2	micro:bit	47
Chapter 3	Analytics	72
Chapter 4	HTML and CSS	95
Chapter 5	A brief history of computing	118
Chapter 6	Computer systems	129
Chapter 7	Computational thinking, algorithms and data representation	144
Chapter 8	Software development	169
Chapter 9	More about Python	187
Chapter 10	JavaScript	220
Chapter 11	Databases	245
Chapter 12	Modelling	263
Chapter 13	Transforming society: Improving lives, AI and machine learning	277
Chapter 14	Ethics and computing	300
	Afterword	312
Appendix	Picture credits	314