Contents

Prologue THE WATCHDOG AND THE THIEF 1

One
HAL AND ME 5

Two
THE VITAL PATHS 17

a digression
on what the brain thinks about when it thinks
about itself 36

Three
TOOLS OF THE MIND 39

Four
THE DEEPENING PAGE 58

a digression on lee de forest and his amazing audion 78

Five

A MEDIUM OF THE MOST GENERAL NATURE 81

Six
THE VERY IMAGE OF A BOOK 99

Seven
THE JUGGLER'S BRAIN 115

a digression on the buoyancy of IQ scores 144

Eight
THE CHURCH OF GOOGLE 149

Nine SEARCH, MEMORY 177

a digression
on the writing of this book 198

Ten
A THING LIKE ME 201

Epilogue
HUMAN ELEMENTS 223

Notes 225
Further Reading 253
Acknowledgments 257
Index 259