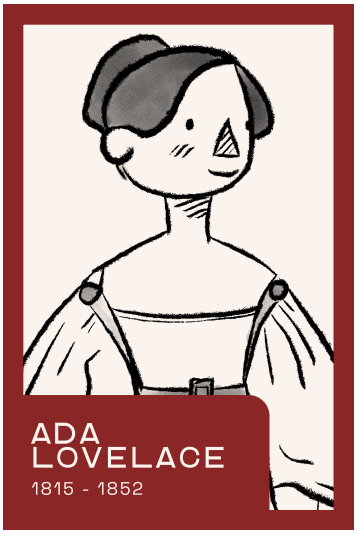
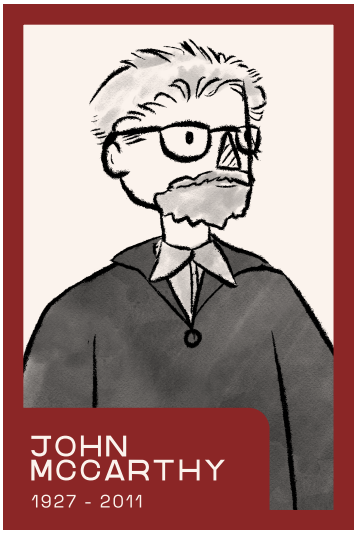


ADA LOVELACE
1815 - 1852



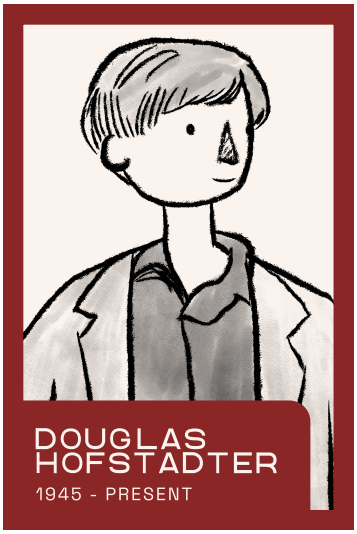
MARY SHELLEY
1797 - 1851



JOHN MCCARTHY
1927 - 2011



CLAUDE SHANNON
1916 - 2001



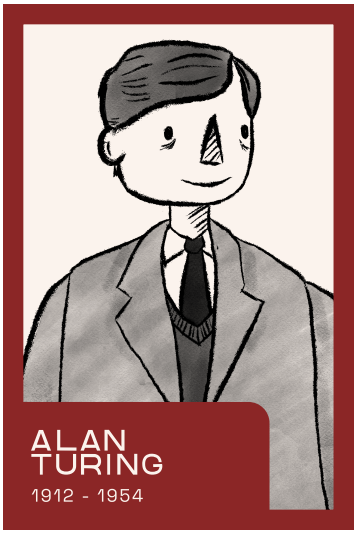
DOUGLAS HOFSTADTER
1945 - PRESENT



ALEX KRIZHEVSKY
1983 - PRESENT



JOY BUOLAMWINI
1989 - PRESENT



ALAN TURING
1912 - 1954



STANLEY KUBRICK
1928 - 1999



MARVIN MINSKY
1927 - 2016



NATHANIEL ROCHESTER
1919 - 2001



FRANK ROSENBLATT
1928 - 1971



CLAUDE SHANNON

CLAUDE SHANNON *(APRIL 30, 1916 - FEBRUARY 24, 2001)* WAS THE FATHER OF INFORMATION THEORY. THE MATHEMATICS HE CREATED REVOLUTIONIZED HOW WE TRANSMIT AND PROCESS DATA, PROVIDING THE FUNDAMENTAL FRAMEWORK THAT POWERS AI, COMPUTING, AND DIGITAL COMMUNICATION.

? HOW CAN WE IMPROVE AI'S ABILITY TO PROCESS AND COMMUNICATE INFORMATION WITHOUT DISTORTING TRUTH?

VALUES: LOGIC · KNOWLEDGE · INNOVATION



JOHN MCCARTHY

JOHN MCCARTHY *(SEPTEMBER 4, 1927 - OCTOBER 24, 2011)* WAS THE FOUNDER OF ARTIFICIAL INTELLIGENCE. HE LAUNCHED A FIELD THAT CONTINUES TO PUSH THE BOUNDARIES OF MACHINE LEARNING AND COMPUTATIONAL THINKING, SHAPING THE FUTURE OF INTELLIGENT SYSTEMS.

? HOW CAN WE CREATE AI THAT TRULY UNDERSTANDS AND ADAPTS TO HUMAN VALUES OVER TIME?

VALUES: LOGIC · INNOVATION · PERSEVERANCE



MARY SHELLEY

MARY SHELLEY *(AUGUST 30, 1797 - FEBRUARY 1, 1851)* IS THE AUTHOR OF FRANKENSTEIN. THE STORY SHE WROTE IS A CAUTIONARY TALE THAT HAS INSPIRED RESEARCH IN AI TODAY, MAKING SURE THAT WE CONSIDER ETHICS IN ITS CREATION AND UNDERSTAND ITS IMPACT ON HUMANITY.

? HOW CAN WE INSTILL EMPATHY IN AI, SO IT SERVES HUMANITY'S BEST INTERESTS?

VALUES: EMPATHY · RESPECT · ACCOUNTABILITY



ADA LOVELACE

ADA LOVELACE *(DECEMBER 10, 1815 - NOVEMBER 27, 1852)* WAS A MATHEMATICIAN & THE FIRST COMPUTER PROGRAMMER. HER NOTES ON CHARLES BABBAGE'S ANALYTICAL ENGINE INCLUDED THE FIRST PUBLISHED ALGORITHM. HER WORK LAID OUT THE GROUNDWORK OF WORLD OF AI WE KNOW TODAY.

? HOW CAN WE DESIGN AI TO EMPOWER CREATIVITY AND BENEFIT ALL OF HUMANITY?

VALUES: CREATIVITY · CURIOSITY · COLLABORATION



ALAN TURING

ALAN TURING *(JUNE 23, 1912 - JUNE 7, 1954)* IS CONSIDERED THE FATHER OF THEORETICAL COMPUTER SCIENCE AND AI. HE DEVELOPED THE TURING MACHINE, THE FOUNDATION OF MODERN COMPUTERS. HE ALSO CREATED THE TURING TEST, A BENCHMARK FOR MACHINE INTELLIGENCE.

? HOW CAN WE ENSURE THAT AI REMAINS ALIGNED WITH HUMAN VALUES & GOALS

VALUES: LOGIC · INNOVATION · HONESTY



JOY BUOLAMWINI

JOY BUOLAMWINI *(BORN 1989)* IS A LEADER IN AI ETHICS. THE RESEARCH SHE CONDUCTED ON BIAS IN FACIAL RECOGNITION EXPOSED THE DANGERS OF UNCHECKED AI, DRIVING THE MOVEMENT FOR FAIRER AND MORE TRANSPARENT TECHNOLOGY.

? HOW CAN WE BUILD AI THAT ACTIVELY PROMOTES FAIRNESS AND INCLUSIVITY RATHER THAN AMPLIFYING EXISTING BIASES?

VALUES: JUSTICE · INCLUSIVITY · ACCOUNTABILITY



ALEX KRIZHEVSKY

ALEX KRIZHEVSKY *(BORN 1983)* IS A PIONEER OF DEEP LEARNING. THE NEURAL NETWORK HE BUILT, ALEXNET, TRANSFORMED COMPUTER VISION BY PROVING THAT DEEP LEARNING COULD SURPASS TRADITIONAL METHODS, KICKSTARTING THE MODERN AI REVOLUTION.

? HOW DO WE ENSURE DEEP LEARNING MODELS ARE ACCOUNTABLE FOR THE DECISIONS THEY MAKE?

VALUES: EXCELLENCE · DILIGENCE · INNOVATION



DOUGLAS HOFSTADTER

DOUGLAS HOFSTADTER *(BORN FEBRUARY 15, 1945)* IS THE AUTHOR OF GÖDEL, ESCHER, BACH. THE QUESTIONS HE EXPLORES ABOUT CONSCIOUSNESS, PATTERNS, AND ANALOGY FORM THE BASIS FOR UNDERSTANDING HOW INTELLIGENCE—HUMAN OR ARTIFICIAL—EMERGES FROM COMPLEX SYSTEMS.

? CAN AI EVER DEVELOP A GENUINE SENSE OF SELF, OR WILL IT ALWAYS BE AN IMITATION OF HUMAN INTELLIGENCE?

VALUES: CURIOSITY · CREATIVITY · KNOWLEGE



FRANK ROSENBLATT

FRANK ROSENBLATT *(JULY 11, 1928 - JULY 11, 1971)* WAS THE CREATOR OF THE PERCEPTRON. THE MODEL HE DEVELOPED WAS ONE OF THE FIRST ARTIFICIAL NEURAL NETWORKS, LAYING THE GROUNDWORK FOR DEEP LEARNING AND MODERN AI ADVANCEMENTS.

? HOW CAN WE PREVENT BIASES IN NEURAL NETWORKS FROM REINFORCING SOCIAL INEQUALITIES?

VALUES: INNOVATION · LOGIC · PERSEVERANCE



NATHANIEL ROCHESTER

NATHANIEL ROCHESTER *(JANUARY 14, 1919 - JUNE 8, 2001)* WAS A KEY ARCHITECT OF EARLY COMPUTING. HE HELPED SHAPE THE DEVELOPMENT OF AI, INCLUDING WRITING THE FIRST AI PROGRAM FOR THE IBM 701, PAVING THE WAY FOR FUTURE INTELLIGENT MACHINES.

? HOW CAN WE BUILD AI SYSTEMS THAT REMAIN TRANSPARENT AND INTERPRETABLE AS THEY GROW IN COMPLEXITY?

VALUES: LOGIC · DILIGENCE · ACCOUNTABILITY



MARVIN MINSKY

MARVIN MINSKY *(AUGUST 9, 1927 - JANUARY 24, 2016)* WAS A PIONEER OF ARTIFICIAL INTELLIGENCE. THE IDEAS HE DEVELOPED LAID THE FOUNDATION FOR MACHINE LEARNING AND NEURAL NETWORKS, HELPING US UNDERSTAND HOW MACHINES CAN LEARN, REASON, AND INTERACT WITH THE WORLD.

? WHAT LESSONS FROM HUMAN INTELLIGENCE SHOULD WE APPLY—OR AVOID—WHEN DESIGNING AI SYSTEMS?

VALUES: KNOWLEDGE · CREATIVITY · CURIOSITY

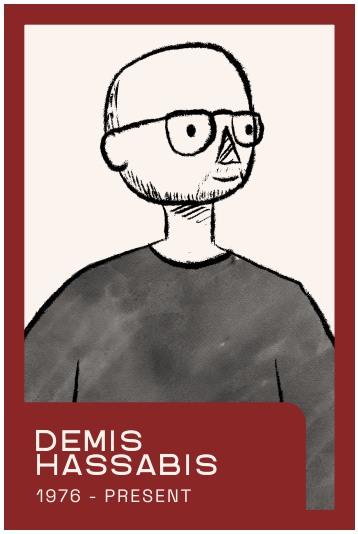


STANLEY KUBRICK

STANLEY KUBRICK *(JULY 26, 1928 - MARCH 7, 1999)* WAS THE DIRECTOR OF 2001: A SPACE ODYSSEY. IT'S A VISIONARY FILM THAT HAS INFLUENCED SCIENCE AND AI DEVELOPMENT, SHAPING HOW WE IMAGINE HUMAN-MACHINE INTERACTIONS AND THE FUTURE OF TECHNOLOGY.

? HOW CAN WE DESIGN AI THAT ENHANCES HUMAN CREATIVITY RATHER THAN REPLACING IT?

VALUES: INNOVATION · EXCELLENCE · AESTHETICS



DEMIS
HASSABIS

1976 - PRESENT



DEMIS HASSABIS

DEMIS HASSABIS *(BORN JULY 27, 1976)* IS THE CO-FOUNDER OF DEEPMIND. THE AI SYSTEMS HE HELPED DEVELOP, LIKE ALPHAGO, HAVE DEMONSTRATED THE POWER OF MACHINE LEARNING, PUSHING AI CLOSER TO HUMAN-LEVEL PROBLEM-SOLVING AND CREATIVITY.

? WHAT SAFEGUARDS SHOULD WE PUT IN PLACE TO PREVENT AI FROM BEING USED TO CONCENTRATE POWER UNFAIRLY?

VALUES: KNOWLEDGE INNOVATION COLLABORATION