

Exploring the Possibility of Using Intelligent Computers to Judge Criminal Offenders

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The human race has never encountered a species equal to or greater in intelligence than itself. However, if computer scientists specializing in the field of artificial intelligence (AI) realize their ultimate goal, humans won't be the only intelligent "beings." This research explores the possibility that these intelligent beings (computers) might someday be used to replace the functions of the judge and/or jury in a criminal trial. Specific emphasis is placed on two issues: 1) examining the history and successes of AI to substantiate the future existence of an intelligent computer; and 2) exploring issues that affect the probability the United States Constitution will be changed in support of the new technology.