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| **B.N:** | **745** |
| **Date:** | **1/6/2020** |
| **Topic:** | **Artificial Intelligence** |
| **Course code:** | **ECE001** |
| **Github link:** | <https://github.com/Mohamed-abd-elhalem/ECE001> |
| **Github page:** | <https://mohamed-abd-elhalem.github.io/ECE001/index.html> |

**Application brief :**

**Artificial Intelligence is a way of making a computer, a computer-controlled robot, or a software think intelligently, in the similar manner the intelligent humans think.**

**AI-powered systems are the best-fit solutions in the environments, where human life is more likely to be under risk. Few examples of such scenarios are space exploration, defense operations like bomb defusing**

**AI is accomplished by studying how human brain thinks, and how humans learn, decide, and work while trying to solve a problem, and then using the outcomes of this study as a basis of developing intelligent software and systems.**

**AI-enabled applications drastically reduces the chance for human errors to creep in. These AI versions proved to be faster at computationally-expensive**

**Screenshots:**

**A picture containing knife

Description automatically generated**

**A screenshot of a cell phone

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**A picture containing cabinet

Description automatically generated**

**A picture containing reptile, photo, sitting, monitor

Description automatically generated**

**A screenshot of a cell phone

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**A screenshot of a cell phone

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**Reference:**

1. [Russell, Stuart J.](https://en.wikipedia.org/wiki/Stuart_J._Russell); [Norvig, Peter](https://en.wikipedia.org/wiki/Peter_Norvig" \o "Peter Norvig) (2009). [Artificial Intelligence: A Modern Approach](https://en.wikipedia.org/wiki/Artificial_Intelligence:_A_Modern_Approach) (3rd ed.). Upper Saddle River, New Jersey: Prentice Hall.
2. [McCorduck, Pamela](https://en.wikipedia.org/wiki/Pamela_McCorduck) (2004), [Machines Who Think](http://www.pamelamc.com/html/machines_who_think.html) (2nd ed.), Natick, MA: A. K. Peters
3. <https://www.ai.mil/docs/Understanding%20AI%20Technology.pdf>
4. <https://www.cs.ubc.ca/~poole/ci/ch1.pdf>