

# Cognitive Computing: Architecture, Technologies and Intelligent Applications

## Extended Resources

| Description  | Link  |
|--|---|
| An explanation of similarities and differences between the human brain and computers           | <a href="https://faculty.washington.edu/chudler/bvc.html">https://faculty.washington.edu/chudler/bvc.html</a>   |
| A YouTube video explaining the basics of AI  | <a href="https://www.youtube.com/watch?v=2ePf9rue1Ao">https://www.youtube.com/watch?v=2ePf9rue1Ao</a>   |
| An explanation of forward chaining inference engines   | <a href="http://www.jpaine.org/students/lectures/lect3/node11.html#SECTION00081000000000000000">http://www.jpaine.org/students/lectures/lect3/node11.html#SECTION00081000000000000000</a> |
| An explanation of backward chaining inference engines  | <a href="http://www.j-paine.org/students/lectures/lect3/node12.html">http://www.j-paine.org/students/lectures/lect3/node12.html</a>   |
| A YouTube video that explains A* search  | <a href="https://www.youtube.com/watch?v=ySN5Wnu88nE">https://www.youtube.com/watch?v=ySN5Wnu88nE</a>   |
| A YouTube video that shows how IBM Watson is used in medical diagnosis                         | <a href="https://www.youtube.com/watch?v=hbqDknMc_Bo">https://www.youtube.com/watch?v=hbqDknMc_Bo</a>   |
| A YouTube video that explains machine learning   | <a href="https://www.youtube.com/watch?v=ukzFI9rgwfU">https://www.youtube.com/watch?v=ukzFI9rgwfU</a>   |
| A YouTube video that explains the differences between various cognitive computing technologies | <a href="https://www.youtube.com/watch?v=k2P_pHQDlp0">https://www.youtube.com/watch?v=k2P_pHQDlp0</a>   |
| A YouTube video that explains data mining  | <a href="https://www.youtube.com/watch?v=R-sGvh6tI04">https://www.youtube.com/watch?v=R-sGvh6tI04</a>   |
| A YouTube video telling the story of IBM Watson's win against Jeopardy! champions              | <a href="https://www.youtube.com/watch?v=P18EdAKuClU">https://www.youtube.com/watch?v=P18EdAKuClU</a>   |