

GENERAL INFO :)

Info Session Presentation:

<https://docs.google.com/presentation/d/1cPg8LRgETrcgP3IIrm-aYJr6xO0pspZ4Bj9aqpW4eeE/edit?usp=sharing>

WORKSHOPS

JavaScript:

Lesson Plan/Presentation -

https://docs.google.com/document/d/1Ku-gRfK8jaDN9CobuTbCpi3dUpeb1KLrh0xg_gfnCjo/edit?usp=sharing

Learn more - <https://www.javascript.com/> , <https://www.w3schools.com/js/default.asp>

NetLogo:

Learn more - <https://ccl.northwestern.edu/netlogo/>

Python:

Presentation -

https://docs.google.com/presentation/d/1ZhT3orsh9bcGB_KRS0rKDxK4_5w3IzRTqXZarSS6DmU/edit?usp=sharing

Learn more - <https://www.python.org> , <https://www.tutorialspoint.com/python/index.htm>

HTML:

Presentation -

https://docs.google.com/presentation/d/1QIXo0ZMYdXZTgbOVQH3-4tu_fmOfq6YiN8lCT2utkls/edit?usp=sharing

Learn more - <https://www.w3schools.com/html/>

Artificial Intelligence:

Presentation -

<https://docs.google.com/presentation/d/1c5l-1nSxG6Fej8uXeMmfSKzEmgWTqziemujilE3tvPk/edit?usp=sharing>

Video 1 (real-time object detection) - https://www.youtube.com/watch?v=_zZe27JYi8Y

Image classification site by Google - <https://cloud.google.com/vision/>

Video 2 (first AI research) - https://www.youtube.com/watch?v=cNxadbrN_al

Video 3 (AlphaGo beating best human player) -
<https://www.youtube.com/watch?v=8dMFJpEGNLQ>

Video 4 (IBM Watson beating Jeopardy players) -
https://www.youtube.com/watch?v=WFR3IOm_xhE

Interactive evolutionary AI game (this requires a decently powerful computer to run nicely) - <https://www.openprocessing.org/sketch/377698>

Link to YouTube channel of the game's creator (lots of fun videos about AI) -
<https://www.youtube.com/user/carykh>

The Internet:

Presentation - <https://prezi.com/view/0UQXhe7YLYzWFS6OesBS/>

WEBSITES

- Code Academy
- W3 Schools
- Coursera
- edX

PROGRAMS

Girls Who Code - They offer Summer Immersion and Campus programs, as well as after-school clubs at schools.

<https://girlswhocode.com>

For Girls Who Code Campus -- use CYBERSTUY to get \$200 off

Kinet-X - They offer programs ranging from CS to Robotics to Rocketry!

<https://kinet-x.org>

If you have any questions, please feel free to shoot us an email at cyberstuy@gmail.com.