

COMP: Enhancement (Year 1)

1: Library Resources

These slides are online...

On the "BSc Computing for Games Course Page", under "COMP Enhancement (Year 1)"

Learning objectives

By the end of this session, you should be able to:

- Explain what constitutes a "scholarly source";
- Determine whether a given source is appropriate to use in academic work;
- Use physical and electronic library resources to access scholarly sources;
- Write correctly formatted references in IEEE format





Scholarly literature

Scholarly work

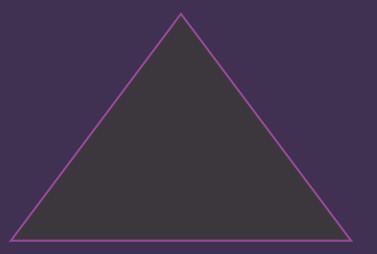
Scholarly work

What is a "scholarly" work? How do we know if something is scholarly?

Scholarly work

- What is a "scholarly" work? How do we know if something is scholarly?
- ▶ **Discuss** in groups of 2–4







Scholarly journals and conference proceedings



Scholarly journals and conference proceedings Scholarly books and book chapters





Scholarly journals and conference proceedings
Scholarly books and book chapters
Masters and PhD theses





Scholarly journals and conference proceedings
Scholarly books and book chapters
Masters and PhD theses
Government documents, trade books and white papers

Scholarly journals and conference proceedings
Scholarly books and book chapters
Masters and PhD theses
Government documents, trade books and white papers
Specialised magazines

Scholarly journals and conference proceedings
Scholarly books and book chapters
Masters and PhD theses
Government documents, trade books and white papers
Specialised magazines
Pre-print papers (e.g. arXiv)

Scholarly journals and conference proceedings
Scholarly books and book chapters
Masters and PhD theses
Government documents, trade books and white papers
Specialised magazines
Pre-print papers (e.g. arXiv)
General interest books, magazines and newspapers

Scholarly journals and conference proceedings Scholarly books and book chapters Masters and PhD theses Government documents, trade books and white papers Specialised magazines Pre-print papers (e.g. arXiv) General interest books, magazines and newspapers General encyclopædias

Scholarly journals and conference proceedings Scholarly books and book chapters Masters and PhD theses Government documents, trade books and white papers Specialised magazines Pre-print papers (e.g. arXiv) General interest books, magazines and newspapers General encyclopædias Websites, blogs, Wikipedia

Scholarly journals and conference proceedings Scholarly books and book chapters Masters and PhD theses Government documents, trade books and white papers Specialised magazines Pre-print papers (e.g. arXiv) General interest books, magazines and newspapers General encyclopædias Websites, blogs, Wikipedia Online discussion boards, personal communications

It is important to question the **appropriateness** of sources you use in academic work

It is important to question the **appropriateness** of sources you use in academic work

Validity: Are claims based upon a correct interpretation of the evidence?

It is important to question the **appropriateness** of sources you use in academic work

- Validity: Are claims based upon a correct interpretation of the evidence?
- Rigor: Was the method of collecting evidence appropriate to ensure comprehensive coverage while also avoiding bias?

Reliability: has the claim been replicated, or at least reviewed, by other academics?

- Reliability: has the claim been replicated, or at least reviewed, by other academics?
- Authoritativeness: do we know who the author is? Does the author have enough experience in the field to present a fair and balanced argument?

- Reliability: has the claim been replicated, or at least reviewed, by other academics?
- Authoritativeness: do we know who the author is? Does the author have enough experience in the field to present a fair and balanced argument?
- Venue: Is the publisher reputable and free of undue editorial influences?

There are of course exceptions where sources are presented as **artefacts** and/or **archives**:



There are of course exceptions where sources are presented as **artefacts** and/or **archives**:

 Citing a newspaper as evidence for a claim based on the reception of a new technology



There are of course exceptions where sources are presented as **artefacts** and/or **archives**:

- Citing a newspaper as evidence for a claim based on the reception of a new technology
- Citing a manufacturer's technical manual when describing a technical feature of a platform

There are of course exceptions where sources are presented as **artefacts** and/or **archives**:

- Citing a newspaper as evidence for a claim based on the reception of a new technology
- Citing a manufacturer's technical manual when describing a technical feature of a platform
- Citing a Reddit post by a well-known industry figure as evidence for expert opinion

There are of course exceptions where sources are presented as **artefacts** and/or **archives**:

- Citing a newspaper as evidence for a claim based on the reception of a new technology
- Citing a manufacturer's technical manual when describing a technical feature of a platform
- Citing a Reddit post by a well-known industry figure as evidence for expert opinion

The way in which sources are used is therefore important





Library resources

The library



Library catalogue

http://library.fxplus.ac.uk/

Click through to "Library Catalogue" to search for physical books, e-books, etc.

Web proxy

Insert .ezproxy.falmouth.ac.uk at the end of the
domain name (before the /)

Web proxy

Insert .ezproxy.falmouth.ac.uk at the end of the
domain name (before the /)

http://www.example.com/example/page.html

Web proxy

Insert .ezproxy.falmouth.ac.uk at the end of the
domain name (before the /)

http://www.example.com/example/page.html

http://www.example.com.ezproxy.falmouth.ac.uk/ example/page.html



ACM Digital Library

http://dl.acm.org.ezproxy.falmouth.ac.uk/



IEEE Xplore

http://ieeexplore.ieee.org.ezproxy.falmouth.ac.uk/

GDC Vault

http://www.gdcvault.com.ezproxy.falmouth.ac.uk/



 ACM DL and IEEE Xplore cover a lot of journals and conferences

- ACM DL and IEEE Xplore cover a lot of journals and conferences
- GDC talks are generally not "scholarly", but may be appropriate to cite sometimes

- ACM DL and IEEE Xplore cover a lot of journals and conferences
- GDC talks are generally not "scholarly", but may be appropriate to cite sometimes
- ► Google Scholar http://scholar.google.co.uk

- ACM DL and IEEE Xplore cover a lot of journals and conferences
- GDC talks are generally not "scholarly", but may be appropriate to cite sometimes
- ► Google Scholar http://scholar.google.co.uk
- ► ResearchGate https://www.researchgate.net

- ACM DL and IEEE Xplore cover a lot of journals and conferences
- GDC talks are generally not "scholarly", but may be appropriate to cite sometimes
- ► Google Scholar http://scholar.google.co.uk
- ► ResearchGate https://www.researchgate.net
- ► CiteSeer http://citeseerx.ist.psu.edu

- ACM DL and IEEE Xplore cover a lot of journals and conferences
- GDC talks are generally not "scholarly", but may be appropriate to cite sometimes
- ► Google Scholar http://scholar.google.co.uk
- ▶ ResearchGate https://www.researchgate.net
- ► CiteSeer http://citeseerx.ist.psu.edu
- General web searches

Is it ethical for publishers to charge for access to publicly-funded academic research?

- ▶ Is it ethical for publishers to charge for access to publicly-funded academic research?
- Many journals offer free open access

- ▶ Is it ethical for publishers to charge for access to publicly-funded academic research?
- Many journals offer free open access
 - ▶ Some high quality, some low quality...

- Is it ethical for publishers to charge for access to publicly-funded academic research?
- Many journals offer free open access
 - ▶ Some high quality, some low quality...
- Many authors put papers on their personal websites

- Is it ethical for publishers to charge for access to publicly-funded academic research?
- ► Many journals offer free open access
 - ► Some high quality, some low quality...
- Many authors put papers on their personal websites
 - Some publishers allow this, others turn a blind eye

- Is it ethical for publishers to charge for access to publicly-funded academic research?
- Many journals offer free open access
 - Some high quality, some low quality...
- Many authors put papers on their personal websites
 - Some publishers allow this, others turn a blind eye
- Sites like sci-hub aim to be a "Pirate Bay for papers"





Referencing

IEEE referencing style

IEEE referencing style

On this course, we recommend you use **IEEE referencing** style

IEEE referencing style

On this course, we recommend you use **IEEE referencing** style

https://www.york.ac.uk/integrity/ieee.html

Activity

- ► Fork the repository at https://github.com/ Falmouth-Games-Academy/comp150-agile
- Find at least three sources on Agile methodology, which you may cite in your COMP150 Agile essay
- ► Edit the readme.md file, adding IEEE formatted references for these sources