

1. What specific skills do you identify as something students need to have, under the branch of algorithmic literacy?

- applying FATE (fairness, accountability, transparency, ethics) framework to a specific algorithm or case (University of Toronto Mississauga)
- being able to recognize when information is filtered on social media (University of Toronto Mississauga)
- identify machine generated content lacking any attribution evidence that can be separately substantiated

the level of transparency the algorithm can reasonably be expected to be subject to

Understanding the biases and mechanics in a recommendation algorithms/systems

commercial interests of the provider of the algo

identifying the characteristics of the corpus employed

ability to decipher primary source material

- interest for technology, critical thinking

An understanding of what algorithms are and how they work, and how that plays out in their scholarly discipline or potential career

2. Tell me about your academic library's mission, staffing, and goals for teaching algorithmic literacy. How will you engage with faculty? How will AL be integrated into their courses?

- we engage with faculty by attending faculty research meetings, giving once-or-twice-per-semester workshops to undergraduate students in their courses (University of Toronto Mississauga)
- we work with our university's Communications department closely to ensure that any special workshops we hold are advertised widely (University of Toronto Library)

We have academic skills and learner development as part of our portfolio in the Library and support is being developed by colleagues in that team. But it does feel like we're reacting or playing catch up rather than leading and guiding.

Last summer we asked for departments permission to teach with ai tools. this is being done in a critical way. we run workshops on topics like using ai tools for planning and structuring assignments. we will incorporate this into AI teaching in general - informed by a current research project

3. How has/may your library embrace(d) co-learning to enhance algorithmic literacy among staff, considering the unique challenges and opportunities within your specific library context? What resources have/may you use(d)? Have/may you purchase(d) any tools?

4. Resources offered by audience after breakout session

[https://www.amazon.co.uk/Hello-World-How-Human-Machine/dp/1784163066/ref=asc\\_df\\_1784163066/?tag=googshopuk-21&linkCode=df0&hvadid=31083194727944&hvpos=&hvmtnw=&hvrnd=13863797464771210057&hvpone=&hvpwne=&hvgmt=&hvslev=&hvydcmdl=&hvyloci=&hvylophz=9046936&hvtargid=pla-566099136626&psc=1&mcid=640e5791e6ed3d7b0c0e100ae15b&fh=1&psc=1](https://www.amazon.co.uk/Hello-World-How-Human-Machine/dp/1784163066/ref=asc_df_1784163066/?tag=googshopuk-21&linkCode=df0&hvadid=31083194727944&hvpos=&hvmtnw=&hvrnd=13863797464771210057&hvpone=&hvpwne=&hvgmt=&hvslev=&hvydcmdl=&hvyloci=&hvylophz=9046936&hvtargid=pla-566099136626&psc=1&mcid=640e5791e6ed3d7b0c0e100ae15b&fh=1&psc=1)

<https://bccampus.ca/2024/01/02/empowering-instructors-with-the-algorithmic-awareness-toolkit-a-road-map-to-algorithmic-literacy-in-higher-education/>