Plan for Today 11/17

- Last questions about Major Paper Draft — **due tonight**

- Peer Feedback on Major Paper Drafts — due Wednesday, November 22

- Final Version of Major Paper — due *Monday*, December 4

- Op-ed — due *Monday*, December 11

Major Paper

- Major Paper Draft due Friday, November 17, at 11:59pm.

- Your major paper will be eight–nine pages long (see below for the format) on a subject relating to computing and society.

- It should draw on six–eight sources, at least half of which should be scholarly (peer-reviewed journal or conference articles, or books).

- You will get feedback on your draft from me but also from two–three students.

  - Online signup sheet, for choosing papers to review.

  - Peer feedback due on *Wednesday*, November 22, and will be graded.

Major Paper

- Your paper must have:

  - a strong introduction and conclusion;

  - a compelling contestable thesis, stated clearly in the introduction;

  - good transitions;

  - thoughtful claims backed up with strong evidence;

  - proper use of quotes and paraphrasing with accurate citations; and

  - a complete bibliography.

Use of LaTeX and BibTeX

- Your paper must be formatted using the LaTeX template `latex-in-CS115.tex`.

  - Change the title and your name, and substitute your text for the example text.

- You will be building on the `.bib` file you created as part of your annotated bibliography.

  - The example `bibtex-examp.bib` shows how to use different kinds of BibTeX entries (journals, books, papers from conferences, miscellaneous documents).

  - Make sure each reference is correct and complete.

Use of LaTeX and BibTeX

- The template sets the font (12pt), margins and line spacing, and citation style.

  - Don't change them.

- Don't introduce extra page breaks or indent the first paragraph of a section.

- Make good use of LaTeX sections (see the template for examples).

  - Choose section titles carefully.

- Learn how punctuation marks are introduced using multiple characters in LaTeX (see the template for examples): "…", "-", "–" and "—".

Peer Feedback on Major Paper Drafts

- You will be giving (for a grade) peer feedback on two students' Major Paper Drafts.

- There is a signup sheet under Resources => General Resources on Piazza.

- If you haven't already entered your paper title into this spreadsheet, do so now.

- If you haven't signed up to review two papers by the morning of Sunday, November 19, I will assign papers to you.

- On Sunday afternoon, I will email you the PDFs of the papers you are to review.

Peer Feedback on Major Paper Drafts

- Your feedback is due by the end of Wednesday, November 22.

- Use the feedback form under Resources => General Resources on Piazza.

  - Review the questions of this form before reading your papers.

  - You can fill out the form as you read the papers.

Final Version of Major Paper

- Due on *Monday*, December 4.

- Take into account the peer feedback and my feedback.

  - I will email you the peer feedback for your paper by Friday, November 24.

  - I'll finish grading your Draft Major Papers by Sunday, November 26.

Op-Eds

- In the last part of the course, we will be concerned with how computer scientists can communicate with lay people about topics in computer science with implications for society.

- We will focus on newspaper opinion pieces called "Op-Eds".

- We will:

  - Read guides to writing effective Op-Eds.

  - Read several Op-Eds on computer science topics.

- You will:

  - Write an Op-Ed of your own.

Op-Eds

- The name "Op-Ed" comes from the original placement of these opinion pieces in newspapers—on the page **op**posite the **ed**itorial page.

- Op-Eds are written by outside contributors (not staff or regular columnists), and editors use them to bring in fresh perspectives on important issues.

- Computer scientists can use Op-Eds to educate and influence the public about developments in computing.

  - Such an Op-Ed will often be about the impact of computing on a societal issue.

Op-Eds

- Op-Eds are typically (source: Harvard Kennedy School):

  - short (typically 750-800 words);

  - focused, making a clear point;

  - engaging, drawing the reader in;

  - informed by research or experience;

  - written with a strong voice (authoritative, conversational, …);

  - written in active voice with short paragraphs (even single sentences).

Op-Ed Structure

- Opening

  - *Hooks* reader's attention with "a strong claim, a surprising fact, a metaphor, a mystery, or a counter-intuitive observation".

  - Introduces the Op-Ed's *topic*, which is typically a problem needing a solution, thus creating tension that will later be resolved.

- Middle

  - Develops the Op-Ed's *theme*, its big idea, main point.

  - Backs up your claims with facts, logic, research, quotations, personal observations.

- Ending

  - Either resolves the tension of the essay (e.g., solves the problem) or points the way forward.

  - Leaves the reader with a final thought, epiphany or call to action.

Readings on Op-Eds

- Harvard Kennedy School, "How to Write an Op-Ed or Column". https://projects.iq.harvard.edu/files/hks-communications-program/files/new_seglin_how_to_write_an_oped_1_25_17_7.pdf

- David Shipley, "And Now a Word From Op-Ed", *New York Times*, February 1, 2004. https://www.nytimes.com/2004/02/01/opinion/and-now-a-word-from-op-ed.html. [On Piazza.]

Example Op-Eds on Computer Science Topics
[On Piazza]

- Matthew D. Green and Alex Stamos, "Apple Wants to Protect Children. But It's Creating Serious Privacy Risks.", *New York Times*, August 11, 2021. https://www.nytimes.com/2021/08/11/opinion/apple-iphones-privacy.html.

- Nathan E. Sanders and Bruce Schneier, "How ChatGPT Hijacks Democracy", *New York Times*, January 15, 2023. https://www.nytimes.com/2023/01/15/opinion/ai-chatgpt-lobbying-democracy.html.

- Stuart Russell, "How to Stop Superhuman A.I. Before It Stops Us", *New York Times*, October 8, 2019. https://www.nytimes.com/2019/10/08/opinion/artificial-intelligence.html.

- Gary Marcus and Ernest Davis, "No, A.I. Won't Solve the Fake News Problem", *New York Times*, October 20, 2018. https://www.nytimes.com/2018/10/20/opinion/sunday/ai-fake-news-disinformation-campaigns.html.

Your Op-Ed Assignment

- You will write a single Op-Ed.

    - Length: 750-800 words.

    - Topic: a connection between computer science and society.

- You can produce the PDF for your Op-Ed however you like.

- Due: Monday, December 11.

- Reading for class on Friday, December 1:

    - Harvard Kennedy School, "How to Write an Op-Ed or Column".

    - David Shipley, "And Now a Word From Op-Ed".

    - Matthew D. Green and Alex Stamos, "Apple Wants to Protect Children. But It's Creating Serious Privacy Risks."