Human Computation, Equitable and Innovative Future of Work AI Tools

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Abstract

As we enter an era where the synergy between AI technologies and human effort is paramount, the Future of Work is undergoing a radical transformation. Emerging AI tools will profoundly influence how we work, the tools we use, and the very nature of work itself. The 'Human Computation, Equi- table, and Innovative Future of Work AI Tools' workshop at HCOMP'24 aims to explore groundbreaking solutions for de- veloping fair and inclusive AI tools that shape how we will work. This workshop will delve into the collaborative poten- tial of human computation and artificial intelligence in craft- ing equitable Future of Work AI tools. Participants will crit- ically examine the current challenges in designing fair and innovative AI systems for the evolving workplace, as well as strategies for effectively integrating human insights into these tools. The primary objective is to foster a rich discourse on scalable, sustainable solutions that promote equitable Future of Work tools for all, with a particular focus on empower- ing marginalized communities. By bringing together experts from diverse fields, we aim to catalyze ideas that bridge the gap between technological advancement and social equity.

Topics and Subtopics

- Technological Accessibility: Ensuring equitable access to Future of Work technologies for underprivileged and marginalized communities.

- AI in Legal Analytics: Predictive analytics, data visual- ization for case outcomes, Bias, and Ethics AI-for- driven legal tools.

- Crowdsourcing for Legal Aid: Utilizing crowd intelli- gence in gathering legal resources and providing assis- tance.

- Adaptive Education: Understanding how workers adapt to the evolving nature of jobs

- Case Studies: Lessons from AI applications in the justice system.

Goals of the Workshop

- To identify key areas within the future of work that can leveraged with human computation and AI.

- To identify key areas within the justice system that can benefit from human computation and AI.

- To discuss ethical considerations and mitigate bias in AI applications in legal settings.

- To develop a collaborative community focused on lever- aging technology for equitable and inclusive design of workplace technologies.

Organizers

- Dr. Claudia Flores Saviaga, Northeastern University.

- Dr. Saiph Savage, Universidad Nacional Autonoma de Mexico (UNAM), Northeastern University.

- Kashif Imteyaz, Northeastern University.

Workshop Details

- **Duration:** Approximately 4 hours excluding breaks.
- **Maximum number of participants:** 30.
- **Submission Deadline:** August 30th, 2024.
- **Notification Date:** September 15th, 2024.

Schedule (Draft)

- 9:00 - 9:20AM: Opening Remarks
- 9:20 - 10:00AM: Keynote Session One with QA
- 10:00 - 10:20AM: Coffee Break
- 10:20 - 11:00AM: Panel Discussion: Human Computa- tion in Justice with Live-Polling
- 11:00 - 11:40AM: Interactive Session with Keynote speaker and Group Discussion
- 11:40 - 12:00PM: Addressing the Gaps: Using AI Hu- man Computation - Lightning Talk with Participant Feedback
- 12:00 - 1:00PM: Breakout Sessions / Workshop

Workshop Activities

The workshop will consist of a mix of presentations and panel discussions, focusing on exploring the intersection of human computation, AI, and justice systems, with an em- phasis on practical applications and ethical considerations.
 Activities include:

- Keynote presentations by experts sharing insights on AI and human computation applications in justice systems.
- Panel discussions with cross-disciplinary experts debating challenges and opportunities in using technology for equitable and inclusive Future of Work AI tools.
- Interactive Q&A sessions after each presentation.
- Collaborative problem-solving in breakout sessions.
- Dedicated networking breaks.

Participant Selection

- Open call for participation through various channels.
- Selection based on submitted position papers or statements of interest.
- Consideration of diversity in backgrounds, expertise, and perspectives.

Equipment and Supplies Needed

- Projector and screen.
- Microphones and audio system.
- Whiteboards or flipcharts for breakout sessions.
- Reliable internet connection for potential virtual participation.

Advertising Strategy

The workshop will be advertised through:

- Academic mailing lists (e.g., SIGCHI, ACM CSCW).
- Social media platforms (Twitter, LinkedIn).
- Relevant professional networks (e.g., legal tech associations, workers' group, AI ethics groups).
- Partner organizations (e.g., legal aid societies, justice re- form advocacy groups).
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