

ScholarLensViz: A Visualization Framework for Transparency in Semantic User Profiles

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Abstract	Personalized applications are a two-edged sword. They are convenient and assist users by keeping the focus on relevant topics, but they are often black boxes and users typically do not know why certain entries appear in their profile. As transparency and provenance are essential for researchers, in this paper, we introduce ScholarLensViz, a visualization component for scholarly user profiles displaying a scholar's research competences including the provenance. It also provides visualizations to inspect the diversity of a profile and to analyze the semantic similarity of the profile entries.
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