Examining Crowd Work and Gig Work Through The Historical Lens of Piecework

Ali Alkhatib, Michael Bernstein, Margaret Levi

ali.alkhatib@cs.stanford.edu || @_alialkhatib

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Stanford University

INTRODUCTION

- Complexity [4, 2, 6, 5, 3, 1]

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- **Decomposition**

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- Decomposition
- **Relationships**

- what's that about??

name: Ali Alkhatib
email: ali.alkhatib@cs.stanford.edu
twitter: @_alialkhatib

References

📄 Nathan Hahn et al. "The Knowledge Accelerator: Big Picture Thinking in Small Pieces". In: *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems*. CHI '16. ACM, 2016, pp. 2258–2270. ISBN: 978–1-4503–3362–7. DOI: 10.1145/2858036.2858364. URL: http://doi.acm.org/10.1145/2858036.2858364.

📄 Joy Kim and Andrés Monroy-Hernández. "Storia: Summarizing Social Media Content Based on Narrative Theory Using Crowdsourcing". In: *Proceedings of the 19th ACM Conference on Computer–Supported Cooperative Work & Social Computing*. CSCW '16. ACM, 2016, pp. 1018–1027. ISBN: 978–1-4503–3592–8. DOI: 10.1145/2818048.2820072. URL: http://doi.acm.org/10.1145/2818048.2820072.
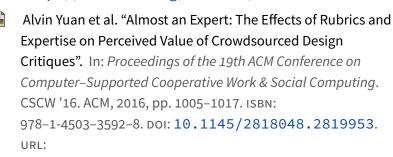
📄 Michael Nebeling et al. "WearWrite: Crowd–Assisted Writing from Smartwatches". In: *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems*. CHI '16. ACM, 2016, pp. 3834–3846. ISBN: 978–1-4503–3362–7. DOI: 10.1145/2858036.2858169. URL: http://doi.acm.org/10.1145/2858036.2858169.

📄 Ryo Suzuki et al. "Atelier: Repurposing Expert Crowdsourcing Tasks As Micro–internships". In: *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems*. CHI '16. ACM, 2016, pp. 2645–2656. ISBN: 978–1-4503–3362–7. DOI: 10.1145/2858036.2858121. URL: http://doi.acm.org/10.1145/2858036.2858121.

📄 Lixiu Yu, Aniket Kittur, and Robert E. Kraut. "Encouraging "Outside–The–Box" Thinking in Crowd Innovation Through Identifying Domains of Expertise". In: *Proceedings of the 19th*

ACM Conference on Computer–Supported Cooperative Work & Social Computing. CSCW '16. ACM, 2016, pp. 1214–1222. ISBN: 978–1-4503–3592–8. DOI: 10.1145/2818048.2820025. URL: http://doi.acm.org/10.1145/2818048.2820025.

Alvin Yuan et al. "Almost an Expert: The Effects of Rubrics and Expertise on Perceived Value of Crowdsourced Design Critiques". In: *Proceedings of the 19th ACM Conference on Computer–Supported Cooperative Work & Social Computing*. CSCW '16. ACM, 2016, pp. 1005–1017. ISBN: 978–1-4503–3592–8. DOI: 10.1145/2818048.2819953. URL: http://doi.acm.org/10.1145/2818048.2819953.