

Edin Sabic

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EDUCATION **New Mexico State University**, Las Cruces, NM August 2015 - Present
Doctoral Student in Experimental Psychology (Master's received in 2017)
NMSU GPA: 3.97/4.0

The University of Iowa, Iowa City, IA August 2010 - May 2014
Bachelor of Arts, Psychology and German
UI GPA: 3.36/4.0

EXPERIENCE **Data Scientist Intern** Las Cruces, New Mexico
Electronic Caregiver March 2019 - Present

- ❖ Trained and validated machine learning algorithms on human vitals data
- ❖ Led User Experience (UX) research efforts for new products
- ❖ Navigated and contributed to the company AWS architecture

User Experience Research Intern Moline, Illinois
John Deere, Research & Development April 2018 - August 2018

- ❖ Executed research studies concerning usability and interaction design
- ❖ Conducted semi-structured interviews with subject-matter experts
- ❖ Analyzed and visualized CAN bus data in Python

Graduate Researcher Las Cruces, New Mexico
New Mexico State University August 2015 - Present

- ❖ Orchestrated research in human-computer interaction and human factors
- ❖ Programmed experiments and tools using Python and MATLAB

Research Intern Iowa City, Iowa
U.S. Department of Veterans Affairs/PreACT Lab September 2014 - May 2015

- ❖ Analyzed data and led recruitment efforts for an NIH-supported grant

LANGUAGES **Python:** Advanced **MATLAB:** Advanced **R:** Intermediate
English: Native **German:** Advanced **Croatian:** Intermediate

PUBLICATIONS

Šabić, E., Chen, J., & MacDonald, J. (accepted; in press). Towards a Better Understanding of In-Vehicle Auditory Warnings and Background Noise. *Human Factors*.

Šabić, E., Henning, D., & MacDonald, J. (2019, October). Adaptive Auditory Alerts for Smart In-Vehicle Interfaces. To appear in *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 63). Sage CA: Los Angeles, CA: Sage Publications

Karapetrović, J., Šabić, E., & Dugas, D. V. (2019, July). Community Outreach and the Discovery HPC Cluster: An Analysis of User Profiles and Growth. In *Proceedings of the Practice and Experience in Advanced Research Computing on Rise of the Machines (learning)* (p. 98). ACM.

Sabic, E., & Chen, J. (2017, September). Left or Right: Auditory Collision Warnings for Driving Assistance Systems. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 61, No. 1, pp. 1551-1551). Sage CA: Los Angeles, CA: SAGE Publications.

Sabic, E., Mishler, S., Chen, J., & Hu, B. (2017, May). Recognition of Car Warnings: An Analysis of Various Alert Types. In *Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems* (pp. 2010-2016). ACM.

Sabic, E., & Chen, J. (2016, September). Threshold of Spearcon Recognition for Auditory Menus. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 60, No. 1, pp. 1539-1543). Sage CA: Los Angeles, CA: SAGE Publications.

Hadlandsmyth, K., **Sabic**, E., Zimmerman, M. B., Sluka, K. A., Herr, K. A., Clark, C. R., ... & Rakel, B. A. (2016). Relationships among pain intensity, pain-related distress, and psychological distress in pre-surgical total knee arthroplasty patients: a secondary analysis. *Psychology, health & medicine*, 1-12.

PRESENTATIONS

Mischler, S., Chen, J., **Sabic**, E., Hu, B. Li, N., & Proctor, R. W. (2017). Trust the Warning: How Differences in Automation Design Influence User's Trust and Performance for a Difficult Task. Talk presented at the 8th *International Conference on Applied Human Factors and Ergonomics*. Los Angeles, CA.

Sabic, E., Guynn, M. J. (2016, November). The Effects of Prospective Memory Task Importance on Retrieval Mode and Target Checking. Poster session presented at the Psychonomic Society's 57th Annual Meeting, Boston, MA.

Sabic, E., Hadlandsmyth, K., Embree, J., Sluka, K., Geasland, K., Herr, K., ... & Rakel, B. (2015). (186) Catastrophizing moderates the relation between pain intensity and pain-related distress. Poster session presented at the American Pain Society (APS) 34th Annual Scientific Meeting, Palm Springs, California.

AWARDS

2019 NMSU Dissertation Pilot Award (\$6091)
2017 NMSU Merit-Based Enhanced Fellowship (\$4000)
2016 Peter Foltz and Adrienne Lee Graduate Scholarship (~\$250)

ORGANIZATIONS

NMSU Psychology Graduate Student Organization President
NMSU Human Factors Ergonomics Society Student Organization President