

# 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 Cumulative GPA: 3.36/4.0

## EXPERIENCE

**Cyber Infrastructure Architect** Las Cruces, New Mexico  
Information & Communication Technologies August 2018 – Present

- ❖ Trained and validated machine learning algorithms
- ❖ Educated students on how to use the High-Performance Computing Cluster
- ❖ Hosted a series of MATLAB workshops for NMSU students and faculty
- ❖ Developed R and SPSS workshops for Spring 2019

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

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

**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

**Research Assistant** Iowa City, Iowa  
Action and Cognition Lab, The University of Iowa August 2013 – May 2014

## LANGUAGES

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

## SOFTWARE

Microsoft Office Suite SPSS SAS

## PUBLICATIONS

Dolgov, I., **Sabic**, E., & White, B. L. (2018, September). Activity Theory as a Framework for Integrating Uas Into the Nas: A Field Study of Crew Member Activity During Uas Operations Near a Non-Towered Airport. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 62, No. 1, pp. 39-43). Sage CA: Los Angeles, CA: SAGE Publications.

**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 8<sup>th</sup> *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 57<sup>th</sup> 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) 34<sup>th</sup> Annual Scientific Meeting, Palm Springs, California.

## AWARDS

2017 NMSU Merit-Based Enhanced Fellowship (\$4000)  
2016 NMSU Departmental Travel Scholarship (~\$250)  
2015 Peter Foltz and Adrienne Lee Graduate Scholarship (~\$200)

## ORGANIZATIONS

NMSU Graduate Student Committee Finance Committee Member  
NMSU Psychology Graduate Student Organization President  
NMSU Human Factors Ergonomics Society Student Organization President  
Human Factors Ergonomics Society Student Member

## COMMUNITY

STEM Night: Sonoma Elementary School