

# Edin Sabic, Ph.D.

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## EXPERIENCE

### Director of Research

April 2020 – Present

Electronic Caregiver

Las Cruces, NM

- ❖ Led and supervised a team of healthcare analysts, researchers, and writers
- ❖ Spearheaded domestic and international product research studies
- ❖ Translated business problems and questions into testable hypotheses
- ❖ Defined User Experience (UX) standards and methods for product evaluation
- ❖ Delivered research findings and strategies to stakeholders and collaborators
- ❖ Outlined efficient team procedures and workflows through an agile philosophy

### Junior Data Scientist

March 2019 – March 2020

Electronic Caregiver

Las Cruces, NM

- ❖ Designed research protocols for evaluating product usability and experience
- ❖ Conducted machine learning research using scikit-learn and TensorFlow
- ❖ Analyzed questionnaire and interview data to produce UX reports
- ❖ Contributed to company AWS infrastructure through SageMaker, S3, Lambda

### UX Research Intern

April 2018 – August 2018

John Deere

Moline, IL

- ❖ Defined and executed UX research concerning semi-autonomous vehicles
- ❖ Orchestrated semi-structured interviews with subject-matter experts
- ❖ Presented experimental results to organizational stakeholders to improve UIs

### Quantitative Researcher

August 2017 – May 2020

Hearing Enhancement and Augmented Reality Laboratory

Las Cruces, NM

- ❖ Conducted research in AR speech perception for an SC1 NIH Grant (\$865,000)
- ❖ Executed 10+ time-sensitive human factors and perception research studies
- ❖ Programmed experiments and analyzed data using Python, MATLAB, and SPSS
- ❖ Developed spatial filtering and signal processing components for hearing devices

### Research Assistant

September 2014 – May 2015

U.S. Department of Veterans Affairs / PreACT Lab

Iowa City, IA

- ❖ Organized and conducted healthcare research in alleviating post-surgical pain
- ❖ Supervised recruitment efforts for an NIH grant involving U.S. veterans

## EDUCATION

### New Mexico State University

August 2017 – May 2020

Ph.D., Experimental Psychology – GPA: 3.9/4.0

Las Cruces, NM

- ❖ 12 Publications, 7 Conferences, 5 Research Symposia
- ❖ Dissertation: *Eye Movements and Machine Learning: Predicting User Search*

M.A., Experimental Psychology – GPA: 3.9/4.0

August 2015 – August 2017

### The University of Iowa

August 2010 – May 2014

B.A., Psychology and German – GPA: 3.3/4.0

Iowa City, IA

- ❖ Undergraduate research assistant in the Psychological and Brain Sciences Dept.

## SKILLS

- ❖ Quantitative/Qualitative Data Analysis
- ❖ Experimental Design
- ❖ Statistics
- ❖ UX
- ❖ Python
- ❖ Machine Learning
- ❖ Data Visualization
- ❖ AWS Certified
- ❖ Survey Design
- ❖ Academic/Technical Writing
- ❖ SPSS
- ❖ Public Speaking
- ❖ Leadership

## LANGUAGES

**English:** Native

**German:** Intermediate

**Croatian:** Intermediate