

## Lana Mrkonja

College Station, TX 77840 | (813)-585-0672 | [lanamrkonja@mail.usf.edu](mailto:lanamrkonja@mail.usf.edu)

### EDUCATION

**Bachelor of Arts in Psychology** University of South Florida, Tampa FL

May 2019

Magna Cum Laude

GPA: 3.79 / Major GPA: 4.0

Minor: Anthropology (GPA: 4.0)

Dean's List: Spring 2017, Fall 2017, Spring 2018, Fall 2018

### RESEARCH EXPERIENCE

**Lab Manager** Learning and Attention Lab, Texas A&M University

August 2019 – present

- Train, mentor and supervise a team of 13-18 undergraduate research assistants
- Organize and lead weekly lectures with undergraduate research assistants
- Develop experimental stimuli using Matlab and Psychophysics Toolbox
- Conduct experiments using eye tracking, aversive electrical stimulation, visual psychophysics, and auditory psychophysics
- Assist with the analysis of behavioral data
- Assist with the writing of literature reviews, for both federal grants and manuscripts
- Demonstrated organizational skills when scheduling study appointments, and maintaining study records and finances
- Interface with the Institutional Review Board (IRB), and assist with the reporting of research outcomes to funding agencies and other organizations
- Maintain lab's website and social media
- Manage laboratory operations in the implementation of COVID-19 protocols

**Research Assistant** Eye Movement and Cognition Lab, University of South Florida

August 2018 – May 2019

- Conducted research on language processing, primarily focusing on perceptual enhancement of deaf signers in processing peripheral visual information.
- Utilized interpersonal and communication skills while working closely with participants
- Demonstrated flexibility and organizational skills when scheduling appointments
- Engaged in both theoretical (background research) and analytical (data processing) development of the projects
- Resolved problems quickly when running participants using the eye tracking equipment

### COMMUNITY SERVICE

**Volunteer** Center for Rehabilitation and Occupational Therapy Egida, Zagreb, Croatia

May 2018 – August 2018

- Assisted in improving a client's ability to perform activities of daily living (ADL)
- Acquired strong communication skills when helping people with intellectual disabilities
- Encouraged other young people to volunteer
- Promoted human rights for marginalized groups

December 2019

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### SKILLS

Languages: English/ Croatian (bilingual), German (Intermediate), and Spanish (Beginner)  
SPSS (Proficient), R (Beginner), MATLAB with Psychophysics Toolbox (Intermediate)  
EyeLink 1000 (eye tracking)  
Linear Isolated Stimulator (electric shock device)  
Computer-aided design (CAD) software (AutoCAD, SketchUp, Rhinoceros 3D)  
Graphic design software (Adobe Photoshop, Adobe Lightroom, Adobe InDesign, Adobe Illustrator)  
Web design - HTML editor (Adobe Dreamweaver CC)  
Collaborative Institutional Training Initiative (CITI Program) Certificate (Social/ Behavioral Research) – exp. Feb 2024  
Microsoft Office: Word, PowerPoint, and Excel

### PUBLICATIONS

Anderson, B. A., & **Mrkonja, L.** (submitted). Oculomotor feedback rapidly reduces attentional capture.

Anderson, B. A., Kim, H., Kim, A. J., Liao, M.-R., **Mrkonja, L.**, Clement, A., & Gregoire, L. (in preparation). The past, present, and future of selection history.

### CONFERENCE PRESENTATIONS

**Mrkonja, L.**, Liao, M.-R., & Anderson, B. A. (2020). *Selection history is relative*. Poster presented at the Object Perception, Attention, and Memory (OPAM) conference, Austin, TX.

Anderson, B. A., **Mrkonja, L.**, & Liao, M.-R. (2020). *Shaping eye movements during naturalistic viewing using aversive conditioning with near-real-time feedback*. Paper presented at the annual meeting of the Psychonomics Society, Austin, TX.