

MADLINE BURRIS

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EDUCATION:

University of Virginia, Charlottesville, Virginia, Bachelor of Arts, English (Expected May 2019)

GPA: 3.1/4.0

Relevant Coursework:

Theories of Reading: The relationship between academic reading and the kind of reading we do for pleasure and the examination of the emotional and intellectual dimensions of interpretation

Learning and Behavior: Explored role of brain function in formation of human memory

Symbolic Logic: Examined the concepts and techniques of modern formal logic

WORK EXPERIENCE:

Williams Behavioral Neuroscience Laboratory, Charlottesville, VA, August 2016 - May 2018

Research Assistant (August 2016 - May 2017)

- Oversaw automated explosive detection training procedures for Sprague Dawley and African Gambian rat species
- Recorded, organized, and analyzed data to be used in reports and protocol evaluation
- Ran and altered MATLAB software programs for automated sessions

Lab Coordinator (May 2017 - May 2018)

- Selected for management after demonstrating superior performance
- Directed training of new research team members and coordinated staff scheduling
- Ran MATLAB data analysis scripts for use in monthly reports and protocol evaluation
- Created and edited videos and stills of rodent training session for presentations and reports
- Facilitated on work plan development and budget planning, evaluating and editing short and long-term protocols for the laboratory

US Army Research Office, Bela Bela, South Africa, March 2018 - August 2018

Student Researcher

- Collaborated with the Rory Hensman Conservation and Research Unit to conduct human scent matching trials with African Elephants.
- Assisted Project HO:PE Africa on community development projects for Namibian refugees such as a town census, liter clean up, and school renovations
- Worked for Wildtrack, Conservation FIT, and CAN (Conserve Africa Now) on a non-invasive wildlife monitoring project to protect and preserve rhinos in Namibia
- Photographed and edited spoor of elephants and rhinos for conservation efforts

Barron Associates, Charlottesville, Virginia, September 2018 – Present

Student Intern

- Write MATLAB scripts for data analysis used in monthly reports
- Assist on engineering projects, building parts and handling machinery
- Brainstorm story boards for virtual physical therapy and video game story lines

ACTIVITIES AND VOLUNTEER WORK:

Madison House at University of Virginia, January 2016 - Present

Animal Rehabilitation Volunteer, Ranger's Refuge at Gallastar, Afton, VA

Free Clinic Volunteer, Charlottesville, VA

Boys on the Run Volunteer, Charlottesville, VA

SOCA Volunteer Soccer Coach, Soccer Organization Charlottesville Area, Charlottesville, VA

SKILLS AND INTERESTS:

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- Experience with MATLAB and competency with Microsoft Office Suite, Social Media sites, Digital Journal Databases, Photoshop and photograph and video editing skills
 - Strong verbal and written communication skills
 - Working proficiency in Spanish