

Emily K. Brantner

(717) 350-3930 ♦ embrantner@gmail.com ♦ linkedin.com/in/emilykbrantner

Analytics and Insights Consultant at SAP with job experience, graduate-level education, and independent study in data science. Supplemental job experience in ecological research, science communication, college-level teaching, and graphic design. Motivated. Self-starter. Hard worker. Seeking opportunities to use my experience and skill sets to improve business outcomes.

Education

MASTER OF SCIENCE, BIOLOGY ♦ GPA: 3.8/4.0 ♦ FLORIDA INTERNATIONAL UNIVERSITY ♦ Miami, FL (January 2016)
- Thesis involved R-script creating new prioritization standards for species listed by the U.S. Endangered Species Act
BACHELOR OF SCIENCE, BIOLOGY ♦ GPA: 3.6/4.0 ♦ MESSIAH COLLEGE ♦ Mechanicsburg, PA (June 2012)

Skills

Machine Learning ♦ **Analytics** ♦ **R** ♦ **SQL** ♦ **JavaScript**
♦ **Public Speaking** ♦ **UI/UX Design** ♦ **Adobe Creative Suite** ♦ **CSS** ♦ **Spanish (fair)** ♦ **BI Reporting and Dashboarding** ♦ **SAP BI Software**

Python Skills

NumPy ♦ **Pandas** ♦ **Matplotlib** ♦ **Bokeh** ♦ **Seaborn** ♦ **Scikit-Learn** ♦

Work Experience

Analytics and Insight Consultant (July 2017 - Present) ♦ SAP ♦ Newtown Square, PA

- Team lead for utilizing JavaScript and SAP software to create reports and dashboards
 - o SAP Analytics Cloud, Business Objects (Analysis for Office and Web Intelligence), Lumira Discovery and Designer
- Model customer data into HANA views using SQL and HANA Studio
- Lead and participate in customer meetings
- Participate in trainings for machine learning and predictive analytics
- Manage visualization campaigns reaching over 2000 internal consultants
- Mentor new analytics consultants

Scientific Integrity Outreach Associate (July 2016 - July 2017) ♦ EPA/ORAU ♦ Washington, DC

- Managed multiple, overlapping projects and deadlines
- Authored the 2016 Scientific Integrity Annual Report
- Managed creation, design, and analysis for survey to over 5000 EPA employees

Research/Teaching Assistant (August 2013 - December 2015) ♦ Florida International University ♦ Miami, FL

- Managed large databases of ESA listed species and their critical habitat designations
- Analyzed and compiled data with ArcGIS and R
- Taught Ecology and Cellular Biology lab to undergraduate students, involving creation of lesson plans and lab activities

Volunteer/Leadership Experience

Business Consultant ♦ YearUp Greater Philadelphia (January 2018)

Marketing ♦ Everyday Warrior Movement (November 2016 – July 2017)

Treasurer ♦ Biology Graduate Student Association (May 2014 - August 2015)

Publications and Grants

Brantner, E., J. Withey. (in prep). Regional evolutionary distinctiveness and endangerment as a means of prioritizing endangered species.

Lindquist, E., M. Redmer, & **E. Brantner.** (2012). Annular Bone Growth in Phalanges of Five Neotropical Harlequin Frogs (Anura: Bufonidae: Atelopus). *Phyllomedusa*. 11(2):117-124

Tinker Foundation Field Research Grant ♦ FIU Latin American and Caribbean Center (March 2014)

OTS Post Course Award ♦ Organization for Tropical Studies (March 2015)