ESMÉ MIDDAUGH

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EDUCATION

Master of Science in Data Science, Indiana University   *Bloomington, IN | May 2020*
- Applied Algorithms, Exploratory Data Analysis, Geographic Information Systems
- Full Tuition Scholarship

Bachelor of Arts in Information Science and Arts, University of Arizona   *Tucson, AZ | May 2017*
- s*umma cum laude (GPA* 4.0) with Honors and completed in three years
- Outstanding Senior, School of Information, Spring 2017; Outstanding Undergraduate Researcher, College of Social and Behavioral Sciences, Spring 2017; Academic Year Highest Academic Distinction, 2014–2017

EXPERIENCE

Exhibit Assistant, Cyberinfrastructure for Network Science Center   *Bloomington, IN | June 2018–present*
- Plan and coordinate installations of *Places & Spaces* exhibit, responsibilities including designing and writing exhibit materials, gathering user feedback, and coordinating with possible exhibit venues.
- Design handouts, write docent scripts, and lead tours for Amatria (a living artificial intelligence art installation) and *Places & Spaces* macroscope (data visualization maps) kiosk.
- Update website weekly to include latest events, images, and news by modifying HTML and CSS on a Django and GitHub system.

Digital Media, Data Analytics Intern, National Public Radio   *Washington, DC | January 2018–May 2018*
- Built interactive data dashboard for NPR's app using Python, SQL, HTML, Google BigQuery, and Mode Analytics, pulling user feedback from desk.com's API and iTunes reviews.
- Personally responded to over 1,000 beta testers' questions and comments.
- Participated in app's development process, gaining familiarity with Agile methodology including daily scrums, backlog grooming, sprint planning and stakeholder reviews.

Baker, The Wydown   *Washington, DC | July 2017–January 2018*
- Baked artisanal scones, quiche, muffins, pies, biscuits, biscotti, granola, and cookies.

Undergraduate Research Assistant, University of Arizona   *Tucson, AZ | August 2015–May 2017*
- Gathered data from 157 universities via phone, email, or internet search to acquire over 1,000 documents for use as input to a machine learning algorithm that calculates metrics of university commitment to interdisciplinary research.
- Created, merged, and cleaned data sets utilizing Python (*Beautiful Soup* and *pandas*).
- Collected, classified, recorded, and managed data using Google Drive, Google Sheets, Microsoft Excel, and Microsoft Access.

Certified Tutor, University of Arizona Think Tank   *Tucson, AZ | August 2015–December 2015*
- Led weekly online review of introductory management information systems course covering Microsoft Excel and other business topics utilizing Microsoft PowerPoint and Adobe Connect.
- Tutored undergraduate students in pre-calculus, business calculus, trigonometry, algebra, accounting, economics, and management information systems.

TECHNICAL SKILLS

- **Languages and Frameworks:** Python (*pandas*, *Beautiful Soup*, *matplotlib*, *seaborn*, etc.), R (*ggplot*, *tidyverse, dplyr, etc.)*, SQL, HTML/HTML5, CSS/CSS3
- **Programs:** Adobe InDesign, Adobe Illustrator, ArcGIS, Google G Suite, Google BigQuery, Mode Analytics, Microsoft Office (including statistical analysis in Excel)

HONORS AND MEMBERSHIPS

- University of Arizona's Modern Creative Collective Treasurer, Spring 2017
- Information graphic selected for College of Art's Illustration and Design Awards, Spring 2017