

# LAUREN MACH

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(405) 310-0275

## SKILLS

### Data

*Python, R, SQL, MATLAB,  
Power BI, Tableau, machine  
learning, AI, data prep,  
predictive modeling,  
visualization, storytelling*

### Design

*Photoshop, InDesign,  
Illustrator, Acrobat, client  
collaboration, print & digital  
production, UI, UX,  
photography*

### Digital

*Wordpress, Sharepoint  
HTML, CSS, JavaScript,  
section 508, W3C, mobile  
responsive, Power  
Automate, corporate  
email/news publishing*

## EDUCATION

### M.S. in Data Analytics

Western Governors  
University

### M.S. in Psychology

Divine Mercy University

### B.S. & B.A. in Psychology, Communications, and Philosophy

St. Gregory's University  
Minor in Visual Arts

## Digital Communications Specialist, Booz Allen Hamilton

November 2022-present

- Analyze and visualize data from major corporate initiatives for executive leadership
  - Created PowerBI dashboards and reports with in-depth interactive KPIs that increased leadership engagement
  - Synthesized publishing and audience data from multiple platforms and assessed against strategic goals for quarterly executive planning meetings
  - Wrote custom Python and R scripts to standardize data
  - Developed novel animations and video that increased publisher buy-in to initiatives and decreased repetitive email newsletter content sent to employees
- Build and maintain automations for the larger team
  - Developed intake system with branching logic, automated notifications, custom calendars, and filtered lists for multi-team coordination on publishing efforts
  - Alleviate workload across team by fully automating repetitive tasks including folder creation, newsletter archives, scheduling reminders, and metrics links
- Syndicate news across intranet and internal platforms
- Update and serve as administrator for the highest-profile intranet sites, including sensitive content permissions

## Front End Developer & Web Designer, Wichita Tribal Enterprises

October 2018-November 2022

- Managed front end updates for 150+ IHS.gov websites
- Built and maintained COVID-19 site
- Communicated with federal employees about new site development and recommend UX/UI solutions
- Remediated documents and webpages in compliance with section 508 and W3C accessibility regulations
- Built and updated mobile responsive sites
- Maintained public trust government security clearance
- Trained employees and stakeholders in section 508 remediation

## Technology Teacher, All Saints Catholic School

Norman, OK August 2016-July 2018

- Built a website to serve as a course hub and student resource; site was navigable for pre-readers
- Developed and taught graphic design, computer science, robotics, and computer applications courses
- Developed district-wide technology curriculum for PK-8th grades
- Coached inaugural robotics and STEM teams
- Introduced and managed student Google Apps accounts
- Implemented training and coordination of VR headsets and educational materials for entire campus
- Taught 400 students in 25 classes each semester
- Taught 8 programming languages