

# NKL

# NATASSJA K. LINZAU

RESONANTWEB.NET | GITHUB.COM/DCWEBMAVEN |  
NLINZAU@GMAIL.COM | (202)422-6932

## OBJECTIVE

*I love learning new things, I enjoy applying the knowledge and expertise I have already developed, and I live for dialogue. Let's talk.*

## SKILLS

HTML, CSS, JavaScript, UX/UI Design, Drupal, WordPress, SharePoint, Bootstrap, PHP, XML, program and project management, leadership, mentoring, data capacity, data talent, data education, technical writing and editing, communications, analytics

## AWARDS

2017 DCFemTech Award –  
Powerful Woman Programmer

2016 Tech Program of the Year  
– Commerce Data Academy –  
FedScoop50

2014 TRB Staff Award for  
Excellence – Web Development

2012 TRB Staff Award for  
Excellence – Editorial

2005 TRB Staff Award for  
Excellence – Web Design

## EXPERIENCE

### WEB DEVELOPER • NATIONAL ACADEMIES OF SCIENCE, ENGINEERING, AND MEDICINE • NOVEMBER 2015 - JANUARY 2016 AND MARCH 2017 - PRESENT

- As a Front End Engineer, I provide web development and product management services, including designing, building, and maintaining website assets and community resources for the AASHTO Special Committee on Research and Innovation (R&I), which includes the Research Advisory Committee (RAC).
- I am an expert in communications and serve as a mediator and advocate between our sponsors/stakeholders, the end users of various technologies, and the software programmers/contractors who develop and maintain the technologies. I also serve as a technical advisor to the following committees: RAC Coordination and Collaboration Task Force, RAC Transportation Knowledge Networks Task Force, RAC Value of Research Task Force, and the R&I/RAC Website Working Group.

### LEAD, DATA EDUCATION INITIATIVES AND FRONT END ENGINEER • COMMERCE DATA SERVICE, U.S. DEPARTMENT OF COMMERCE • JANUARY 2016 – MARCH 2017

- Direct and shape innovative curricula and teaching processes for the Commerce Data Academy and other data education initiatives and take the steps needed to develop plans and/or processes to meet organizational goals.
- Manage the educational program, including coordinating internal staff instructors and guest lecturers, as well as external instructors and instructional vendors. Identify Subject Matter Experts within the DOC who are willing to share their expertise with other DOC employees.
- Create and manage a communications and outreach strategy to advise DOC employees and external stakeholders about Commerce Data Academy efforts and activities.
- Collaborate with senior executives, educational committees, and advisory groups within the U.S. Department of Commerce to expand the reach of our educational opportunities in software engineering, UX/UI design, and data science for staff members and contractors.
- Mentor, coach, and manage an In-Residence apprenticeship program for the most talented DOC employees.



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## EDUCATION

### WEB DEVELOPMENT CERTIFICATE

• 2015 • UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/O'REILLY SCHOOL OF TECHNOLOGY

### CERTIFICATE IN CLIENT-SIDE WEB DEVELOPMENT • 2012 •

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/O'REILLY SCHOOL OF TECHNOLOGY

### MASTER'S DEGREE IN MUSIC (CHAMBER MUSIC AND ACCOMPANYING) • 1993 •

CATHOLIC UNIVERSITY OF AMERICA

### BACHELOR'S DEGREE IN MUSIC AND SCIENCE (PIANO PERFORMANCE AND PSYCHOLOGY) WITH UNIVERSITY HONORS • 1991

• BRIGHAM YOUNG UNIVERSITY

### LEAD OF DATA TALENT WORKING GROUP, THE DATA CABINET • DATA SCIENCE INTERAGENCY WORKING GROUP • MARCH 2016 - MARCH 2017

The Data Talent Working Group was tasked with establishing data science as a discipline within the federal government. Our work included developing guidelines and standards for data training, education, and professional development for data science professionals across the federal government. I served as Lead of this group and as a member of the Steering Committee for The Data Cabinet.

### WEB GRAPHICS DESIGNER AND WEB ADMINISTRATOR • NATIONAL ACADEMIES OF SCIENCE, ENGINEERING, AND MEDICINE • JULY 1995 - NOVEMBER 2015

- Provided graphic and logo design services, as well as developing and maintaining two websites for the Subcommittee on Research (SCOR) and the Research Advisory Committee (RAC).
- Developed user requirements and conducted prototype testing and quality assurance for the design, development, and deployment of web products.
- Served as mediator and advocate between sponsors and other stakeholders, the end users of various technologies, and the software programmers/contractors who develop and maintain the technologies.
- Provided analysis and recommendations for Internet, Intranet, and other technical environments.
- Served as technical advisor to the following committees: RAC Coordination and Collaboration Task Force, RAC Transportation Knowledge Networks Task Force, RAC Program Management and Quality Task Force, and SCOR/RAC Website Working Group.

### TECHNICAL EDITOR • NATIONAL ACADEMIES OF SCIENCE, ENGINEERING, AND MEDICINE • APRIL 1997- SEPTEMBER 2014

- Provided project management and oversight—including editing, typesetting, copyreading, proofreading, publication, and digital production—of technical reports for the Cooperative Research Programs, a division of the Transportation Research Board.
- Developed strong communication skills and problem-solving skills while interfacing internally and externally with multiple contract vendors.
- Planned, wrote, and edited communications materials, including descriptive program materials, slide presentations, social media content, and other communications documents. Managed production of various communications products such as informational brochures and annual reports.

### WEB DESIGNER AND OWNER • RESONANT WEBDESIGN • JANUARY 2008 - PRESENT

- Manage all projects from discovery to design to deployment using XHTML, HTML, CSS, JavaScript, AJAX, XML, PHP, Unix. Also experienced with Drupal, WordPress, and SharePoint environments.
- Design phase—sketching, concept creation, site architecture, prototyping, and user flows.
- Development phase—identifying the best platform for the particular needs of the client and website, installing the CMS, and developing the features of the site.
- Deployment phase—A/B testing, Search Engine Optimization, and launching the production version of the site.