**OBJECTIVE**

Seeking a research assistantship in a project

**EDUCATION**

**Indiana University–Purdue University Indianapolis**, Indianapolis, IN

M.S. in Human-Computer Interaction, May 2017

GPA: 3.86/4.0

**Korea National University of Arts**, Seoul, South Korea

B.A. in Theatre Studies, August 2015

GPA: 3.91/4.3

**EXPERIENCES**

**Work Experiences**

**Indiana University–Purdue University Indianapolis,** Indianapolis, IN **Jan 2017-present**

*Research assistant.* Conducted a research as a team on detecting cognitive biases in interaction with

data visualization; designed and coded an interactive choropleth world map and graphs using

JavaScript and HTML/CSS; conducted usability testing with participants and analyzed the results.

**Indiana University–Purdue University Indianapolis**, Indianapolis, IN **Aug 2015-May 2017**

*Teaching Assistant*. Worked as a TA for courses on audio design and visual design; graded

student designs and provided comments in terms of graphic design and user experience principles;

conducted researches on current audio technology; created questions for quizzes and exams;

**Academic Projects**

**Interactive data visualization of General Social Survey (1972-2014)**

* Trimmed down 650MB raw data file using R, designed and coded a visualization using JavaScript and HTML&CSS

**Interactive visualization of 2015 US census data**

* Coded an interactive choropleth map and bar charts displaying spatial, multi-dimensional data using JavaScript and HTML&CSS

**UX design of Market Portal website for MISO Energy**

* Conducted user interviews and created personas to define user requirements; created questionnaires for user research and user testing; produced a low-fidelity designs for layouts and interactions; designed tasks and a plan for a usability testing; conducted the testing with actual users; analyzed findings in a report and gave a formal presentation of a high-fidelity prototype to the client

**Usability Evaluation of the web application Jell**

* Created personas and user scenarios; created a testing plan including user tasks, criteria for evaluation, and a prompt; conducted contextual inquiry, think-aloud protocol, cognitive walkthrough, heuristic evaluation; analyzed data with affinity diagramming; aggregated the findings from testing and design recommendations in a final report

**SKILLS**

**Web Development:** JavaScript, HTML, CSS

**UX Skills**: Contextual inquiry, Personas, Storyboarding, Questionnaires, Think-aloud protocol,

Affinity diagram, Low-fi/ High-fi prototyping, Cognitive walkthrough, Heuristic evaluation

**Software:** InVision, Adobe Photoshop, Microsoft Word, Microsoft Excel, Microsoft PowerPoint

**Foreign Languages**: Proficient in Korean, Japanese (JLPT N1)