Yanling Xu

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EDUCATION

UNIVERSITY OF MICHIGAN
Bachelor of Science
Mathematical Science & Economics
May 2015

Coursework:
Behavioral Decision-Making & Cognition
Data Mining
Theoretical Statistics
Econometrics
Real Analysis
Abstract Algebra
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SKILLS

ANALYTICS
Database Construction & Management
Data Analysis • Statistical Modeling
Large-scale Data Mining

PROGRAMMING
SAS • SQL • STATA
R • Python • C++
HTML/CSS • JavaScript/jQuery •
LaTex

DESIGN
UI/UX Design • UX Research
Product Management • Product Design

DESIGN TOOLS
Sketch • Adobe Ps/Ai/Xd
Balsamiq Mockups • InVision
OmniGraffle • Justinmind • UXPin

LANGUAGE
English • Mandarin Chinese

EXPERIENCE

INSTITUTE FOR SOCIAL RESEARCH, UNIVERSITY OF MICHIGAN | Research Technician Associate
May 2014 – Present | Ann Arbor, MI
- Programmed, tested and implemented SAS codes to define sample from large-scale raw survey data.
- Designed and constructed relational databases and user interfaces as the sample data management tool for analysts to work with.
- Composed and tested mathematical models that express complex financial provisions.
- Built public and restricted data products for use by registered users, conducted statistical data analysis and utilized data structures.

INSTITUTE FOR RESEARCH ON LABOR, EMPLOYMENT AND ECONOMY | Research Assistant
September 2013 – May 2014 | Ann Arbor, MI
- Collected, organized and analyzed manufacturing inventory information of more than 15 states, 950 counties in the US through relational databases.
- Merged and edited information for selected inventory sites backing up web-based portal, helped design the web portal layout, updated work process via constructive written reports and concise oral presentations weekly.
- Conducted extensive literature review of over 2700 pages for 13 National Marine Sanctuaries, collected and cleaned GIS data, assisted project manager in designing a summary map of new marine technology cluster distribution.

STANDARD CHARTERED BANK AND AIESEC INDIA | Summer Intern
May 2013 – August 2013 | Chandigarh, India
- Initiated and organized street plays and outdoor activities in collaboration with team members representing nine countries.
- Coordinated HIV/AIDS awareness workshops covering over 1200 students in six junior high and senior high schools resulting in 60% improvement in students' knowledge levels according to questionnairey data collected and analyzed by our team.

PROJECTS

OLIVE TREE CAMPUS CHURCH WEBSITE | UX Design/Web Development
September 2016 - December 2016 | Ann Arbor, MI
Designed the website structure and interfaces, conducted 4 interviews, 1 heuristic evaluation and 3 usability tests. Successfully launched the website and kept maintenance work.

PRODUCT: DOGGIE | App Design
September 2016 - December 2016 | Ann Arbor, MI
Drew storyboards to visualize potential solutions and narrowed down to the most acceptable solution. Created paper and digital prototypes, tested prototypes and made modifications according to user feedback.

BINGE DRINKING AMONG COLLEGE STUDENTS | Behavior & Cognition Research
Jan 2015 - May 2015 | Ann Arbor, MI
Interviewed sample respondents about drinking habits and social network formation, conducted empirical analysis using National Panel Study Data. Identified factors that formed college binge drinking behavior.