

Class Code:...0603DS
Position #: (PTAA) (E)
Developed by:..MM;DG
Reviewed by:..KB;DLJ
Approved by:.....LK
Date:.....01/18

UNIVERSITY OF RHODE ISLAND
Position Description

TITLE: Lead Information Technologist (UI/UX/Data
Visualization)

DIVISION: Academic Affairs / University Libraries

REPORTS TO: Director, DataSpark - DevOps

GRADE: 14

SUPERVISES: Support Staff, Student Workers, Interns

BASIC FUNCTION:

Provide information architecture, user interface (UI), and user experience (UX) design for all DataSpark products and services. Create design standards for data visualizations. Work with the development and data analysis teams to design and implement online user experiences that meet business goals as well as the needs of the user.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

Work with development team and business partners/customers to provide UI/UX and interactive design to all DataSpark produced websites, web applications, and dashboards.

Create process flows, wireframes, and visual design mockups as needed to effectively conceptualize and communicate detailed interaction behaviors.

Present designs to external partners and incorporate feedback into revisions.

Develop and maintain a library of UX patterns, working closely with Developers to see design through to implementation.

Evaluate and analyze customer requirements for services.

Create data visualization style guidelines, and help style data visualizations created by DataSpark analysts or third-party partners.

Plan, organize, and control the activities of a project team; make assignments to other technologists and support staff, check and evaluate progress, and report on the activities of a project team.

Work independently and requires only general supervision.

Possess and maintain knowledge of current hardware and software system capabilities and limitations.

OTHER DUTIES AND RESPONSIBILITIES:

Participate in project planning process.

Work with analysts and developers to ensure visualization designs are technically feasible.

Respond to technical emergencies as needed.

Maintain a high level of understanding of current developments in the assigned area of responsibility and anticipate future needs.

Perform other duties as required.

LICENSES, TOOLS AND EQUIPMENT:

Design tools: Axure, Balsamiq, Photoshop, Illustrator, and other as necessary.

ENVIRONMENTAL CONDITIONS:

This position is not substantially exposed to adverse environmental conditions.

QUALIFICATIONS:

REQUIRED: Bachelor's degree; Minimum of four years' experience as a User Interface (UI) Designer/Developer OR Minimum of six years' experience in a position that included a substantial amount (<50%) of UI design work (including a minimum of two years' professional experience as a UI Designer /Interactive Designer); Demonstrated experience in UX; Demonstrated supervisory experience; Demonstrated organizational skills; Demonstrated strong interpersonal and verbal communication skills; Demonstrated proficiency in written communication skills; and, Demonstrated ability to work with diverse groups/populations.

PREFERRED: Master's degree; Demonstrated experience in information architecture; Demonstrated experience in responsive design; Demonstrated experience in Data Visualization design; Demonstrated experience with designing for D3, Highcharts, Tableau, Power BI or similar charting/visualization library; and, Demonstrated experience with initiating, managing and developing successful collaboration among academic, business and government organizations.

ALL REQUIREMENTS ARE SUBJECT TO POSSIBLE MODIFICATION TO REASONABLY ACCOMMODATE INDIVIDUALS WITH DISABILITIES.