Position Description

JOB ID:	13141
Position Number:	02025000
UC Path Position #	40344772
Dept:	IET - ENTERPRISE INFRASTRUCTURE SYSTEMS - 061419
Position:	Web UX Designer
Approved Payroll Title Code:	7350
Approved Payroll Title:	USER EXPERIENCE DESIGNER 3
Approved MSP Salary Grade:	
Approved PSS Salary Grade:	PSS24
POSITION DETAILS	
Job Summary:	Under the direction of the Enterprise Applications Supervisor, provide advanced user experience design, modern website development, and consulting in support of a user interface overhaul of the UCD MyInfoVault application. Use independent judgment in execution of responsibilities and a high degree of customer service in gathering user input, creating designs and prototypes, and providing consultation and solutions to stakeholders. This position has a broad impact on a key aspect of the digital user experience for University faculty.
Campus Job Scope:	
Department Specific Job Scope:	The Enterprise Applications team, part of Enterprise Infrastructure Services (EIS) within Information & Education Technology (IET), is responsible for the development and maintenance of mission-critical, high-impact software applications at UC Davis which support wide-ranging business processes including student portal provisioning, video lecture capture, final grade submission, and faculty merits/promotions.
Positions Supervised:	N/A
Essential Responsibilities:	50% USER EXPERIENCE DESIGN & CONSULTATION Use modern design tools, frameworks, libraries, and scripts to produce intuitive, attractive, and accessible user experiences for the MyInfoVault web application. Engage stakeholders through planning and customer support procedures to define requirements and scope for the user interface overhaul project and related issues. Gather input from users at all phases of the design process and ensure that those needs are represented in the service being developed. Establish usability strategies and evaluation methods for developers and stakeholders. Use advanced strategies and techniques to resolve highly complex usability issues. Conduct experiments such as A/B tests to determine ideal implementation to achieve the goals of the client. Use graphic design tools such as Sketch, Figma, and/or Adobe Creative Suite to develop visual styles, wireframes, design concepts, and other graphic elements to enhance the visual experience and usability of the MyInfoVault web application. Use CSS, JavaScript, and HTML5 elements for rendering graphics, animation, graphs, photo compositions or other visual objects.

	Implement design and layout requirements using HTML, JavaScript, CSS, and other layout tools.
	Use validation tools to ensure sites conform to HTML, CSS, and accessibility standards.
	40% WEB DEVELOPMENT Use modern web development tools to build complex, visually pleasing, dynamic, multi-user, interactive web application interfaces.
	Adhere to existing IET software development lifecycle techniques, including maintaining code in version control, tracking issues through the ticketing system, automated testing, and estimating time for large and small tasks.
	Work with stakeholders to analyze business requirements, information architecture, dynamic content, and graphic design. Coordinate schedules and activities.
	Collaborate with the team to learn and explore potential architectures, determine areas of complexity, and potential risks to successful implementation.
	Use modern web front-end development using Object-Oriented JavaScript, various JavaScript libraries and advanced frameworks (such as jQuery, Vue.js, React.js, Node.js), HTML5 and CSS3.
	Contribute to continual improvement by suggesting improvements to user interface, software architecture, or new technologies. Troubleshoot development and production problems across multiple environments and operating platforms.
	10% TECHNICAL SUPPORT & DOCUMENTATION Diagnose software issues; coordinate appropriate solutions with appropriate staff.
	Compose user documentation and training for users of MyInfoVault.
	Work with teammates, stakeholders, and clients to resolve customer issues.
Physical Demands:	Work with a computer interface to enter and retrieve data.
Work Environment:	This position is a critical position and subject to a background check. Employment is contingent upon successful completion of background investigation including criminal history and identity check.
	Travel between campus and off-campus locations.
	Work in a busy office environment with frequent interruptions.
	Due to the mission-critical services provided by this department, this position may work hours other than M-F 8-5, especially in response to system problems.
	Vacation is restricted during peak work periods.
	Adhere to workplace safety practices, read information communicated about workplace safety, complete required safety training on time, and report any workplace safety issues promptly to their supervisor or the designated safety coordinator.
	UC Davis is a smoke and tobacco free campus. Smoking, the use of smokeless tobacco products, and the use of unregulated nicotine products (e-cigarettes) will be strictly prohibited on any UC Davis owned or leased property, indoors and outdoors, including parking lots and residential space.
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Background Check:	Yes

QUALIFICATIONS

Minimum Qualifications:	Experience developing advanced web functionality using modern programming languages, practices, and patterns including HTML, CSS, and JavaScript. Experience working independently and in a team environment to meet requirements and deadlines. Experience working in an environment using established standards, practices, and methodologies, including version control, issue queues, support ticket systems, quality reviews, and project management. Experience working with stakeholders and customers to gather feedback and implement user experience enhancements in complex projects. Experience using advanced, modern design tools, frameworks, libraries, and scripts to produce intuitive and attractive user experiences for web sites and applications.
Preferred Qualifications for Selection:	Experience using frontend JavaScript frameworks such as ReactJS, VueJS, or Angular. Knowledge of current web strategies and trends. Web graphic design, page layout, and UI/UX skills using a variety of tools, such as Sketch, Figma, and/or Adobe Creative Suite. Experience using automated testing systems and/or visual regression testing to ensure web application stability. Experience collaborating with clients and coworkers to build requirements and project estimates. Written and verbal communication skills to communicate technical information to technical and non-technical audiences. Knowledge of common web application vulnerabilities, vectors of attack, and mitigation strategies.

Expectations

Job Expectations	Demonstrate commitment and support of the UC Davis Principles of Community. Maintain professional, positive, and productive relationships with others on assigned tasks and responsibilities. Ensure that commitments are completed with the highest regard for professional, as well as personal integrity. Learn from technical manuals, journals and continuing education and apply technical information rapidly. Be accountable for the safekeeping of resources in the employee's care and custody and for following and implementing the cyber-safety guidelines.

Maintain excellent organization to establish priorities, organize tasks, and direct effective implementation of tasks in a demanding work environment.

Routinely stay in communication with technical staff at other organizations to stay abreast of computing developments and resources available over the network.

Excellent communication (oral, written, presentation, documentation) and interpersonal skills, using tact and diplomacy for interactions with team members, clients and vendors.

Operate a stable and secure IET infrastructure that fulfills the UC Davis mission

Drive a culture of innovation, agility, collaboration and customer focus

Engage the technical communities outside the campus relevant to the systems being used. For example, attend conferences, classes, and exhibits, participate in professional groups and associations, read professional literature, and find other sources of learning.

Independently follow projects through to successful completion with a high degree of quality.

Adhere to UC Davis editorial and brand standards found at https://communicationsguide.ucdavis.edu as appropriate.