

Senior UX Engineer

Company Description

e2020 is a leading provider of core and elective instruction in both virtual and blended learning environments for students in grades 6–12. One of the first to support the innovative learning models that facilitate individualized learning for students, e2020 has become one of the largest providers of content in support of online, hybrid, and blended learning models, which allow teachers to facilitate learning for all students. The company is on an accelerated growth path and is looking for skilled, enthusiastic, self-motivated individuals to build key competencies across the organization.

Job Description

The Senior UX Engineer is responsible for the implementation of a new user experience paradigm on e2020's core online learning platform with modules covering areas such as student management, curriculum and assessment delivery, grade book, online collaboration/messaging and data analytics/reporting. This is a key development role requiring very strong technical and communications skills. The Senior UX Engineer is responsible for the technical implementation of the web user interface, collaborating with graphic designers, and working with a team of platform engineers.

Responsibilities

Participate in all phases of development from definition and design through implementation, debugging, testing, and deployment to ensure all work is to the highest standards

Provide internal UX leadership and take ownership for component design, development, and maintenance

Responsible for UX implementation strategy including building a library of reusable UI widgets

Translate user research findings into UX design decisions for conceptual models, workflows, and wireframe designs

Ensure all UX designs comply with established standards

Work as an advocate of UX design best practices throughout the product lifecycle

Keep up to date with new developments in the area of user-centered design and implementation

Requirements

Experienced UX Engineer with broad understanding of all the components of large, customer-facing web front-ends

Ideal candidate will have at least 5 years of UX development experience and 3 years of experience with the following:

- Ajax development with strong Ajax experience

- Strong JavaScript skills

- Strong CSS skills

- Experience with jQuery (experience with jQuery UI an advantage)

- Cross browser development

- Mobile web

- Development of user interfaces with internationalization considerations is desirable

- Experience developing sites conforming to accessibility guidelines

- Knowledge of unit testing

- Experience working with creative design and bringing a UX vision from inception through to implementation

- Exposure to the educational software environment and familiarity with industry standards and specifications an advantage

- Ideal candidate will have .Net development experience and have used ASP.Net in previous projects and is experienced in one or more object-oriented programming language such as C#, Visual Basic .Net, Java, or C++

- Experience with ASP.NET MVC is a plus

- Knowledge in building web pages or applications (HTML, HTML5, JavaScript, CSS, and XML)

Experience with agile development processes a plus

Excellent communication skills, the drive to succeed and work independently and on a team, the ability to multi task, and the ability to deliver quality results

M.Sc. in Computer Science or B.S. and equivalent experience

Equal Opportunity Employer, M/F/V/D, and a member of E-Verify