



The Harvard-Affiliated Emergency Medicine Residency program at Beth Israel Deaconess Medical Center is seeking a web developer for the Harvard-Affiliated Emergency Medicine Educational Review (HAEMER).

The *Harvard-Affiliated Emergency Medicine Educational Review (HAEMER)* will be an interactive, community-driven platform comprising of web-based tools designed to meet the educational needs of the Department of Emergency Medicine at BIDMC. The cornerstone of the platform will be a website designed to host medical content, allow users to post/discuss material, and deliver training modules/videos. Users of the website will include physicians, medical students, and EMS (emergency medical services) personnel. HAEMER will have a robust internal component with personalized user accounts for learners to create and interact with medical content and track their progress in their training program. It will also have an external, public component comprising of filtered medical content to be viewed by the international emergency medicine community and greater public.

Audience

80+ physicians of the BIDMC Emergency Department

Boston-area EMS personnel (100+)

Medical students (50+ yearly)

Public (including >40000 emergency medicine physicians in the United States, and more worldwide)

Components of the Platform

Blog with RSS feeds

Personalized user accounts

Training environment of audio, videos, and interactive multimedia

Integration of social media, particularly Twitter

Responsive design for viewing across a wide range of devices

(Eventual) portability to a mobile iOS app

Design: intuitive, visually innovative and pleasing, safe and secure, and quick to load

The ideal candidate will have:

- Drupal development and theme experience, including custom module development
- Maintenance and administration experience of Drupal modules and sites
- Proficiency with Drupal's Coding Standards, approaches, and common APIs
- Strong PHP, CSS, and MySQL skills
- Familiarity with the major JavaScript libraries
- Strong front-end design skills, or resources/contacts to help you achieve these tasks
- Expertise at creating responsive websites with a mobile component
- Responsiveness to communication and requests

Our team is comprised of emergency medicine physicians with varying levels of technical ability but are focused, easy to work with, and enthusiastic. You will actively take part in driving the architecture, design, and development of our platform, to be built on the Drupal CMS. You will participate in building the platform from the ground up, and will contribute creatively and technically to the project. An excellent ability to communicate is an absolute must. You will need to be comfortable receiving honest and direct feedback, and need to be adherent to deadlines and requests.

Commitment:

May 2014 – Jan 2015: Create platform

Jan 2015 – June 2016: Internal launch of platform to the emergency department

June 2016 – Jan 2017: Release platform to public

Jan 2017+: Maintenance

Our goal is to complete the bulk of the platform by Jan 1, 2015. We envision future commitment after launch to be ongoing occasional maintenance, estimated to be 5-10 hours/month.

Location

Boston, MA [Longwood Medical Area]

Would prefer local agencies in order to meet in person.

Proposals accepted through 4/15. Please include rates and portfolio.

Contact: Terrance Lee, MD [tlee@bidmc.harvard.edu]