Application Developer

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Application Developer

About the Opportunity

JOB SUMMARY

Aaron Seitz and Susanne Jaeggi in the Brain Game Center for Mental Fitness and Well-being seek an Applications Developer to assist in the development of modular, configurable, cross-platform software in C#, emphasizing clean architecture, defensive programming, testing, and reliability at scale for tools used to measure and train cognitive processes. In this role, the PDeveloper will assist with all aspects of the implementation of research tools from design and development to maintenance and support. The ideal candidate should be an

experienced developer comfortable designing and developing for most parts of a Unity game platform stack. We are also seeking candidates with experience with hardware integrations for systems such as VR devices, EEG, Eye-tracking, actigraphy, etc. Further, the Applications Developer will need to operate well in programming teams and to collaborate in a multi-disciplinary environment.

MINIMUM QUALIFICATIONS

- BA/BS degree in Computer Science, Computer Engineering, or related technical field.
- 7+ of professional experience.
- Programming experience in C#, Unity.
- C# network programming experience
- Strong OO & SOLID
- Experience with video game (2D and 3D) development
- Software organization, management, version control experience
- UI experience
- Full-Stack experience
- Ability able communicate using both technical and non-technical terms with team-members having diverse backgrounds

OPTIONAL SKILLS

- Project Management
- Vue
- ASP.NET Core
- Blazor
- API Development
- Python
- Use of AI tools
- VR/AR/XR development
- Programming incorporating actigraphy, eye-tracking, EEG, and/or other signals.

KEY RESPONSIBILITIES & ACCOUNTABILITIES

- Software Development. This includes project management, programming, software management and distribution, team leadership, coordinating with research activities, etc.
- Solutions Design. This includes project management, programming, software management and distribution, team leadership, coordinating with research activities, etc.

Position Type

Research

Additional Information

Northeastern University considers factors such as candidate work experience, education and skills when extending an offer.

Northeastern has a comprehensive benefits package for benefit eligible employees. This includes medical, vision, dental, paid time off, tuition assistance, wellness & life, retirement- as well as commuting & transportation. Visit https://hr.northeastern.edu/benefits/ for more information.

All qualified applicants are encouraged to apply and will receive consideration for employment without regard to race, religion, color, national origin, age, sex, sexual orientation, disability status, or any other characteristic protected by applicable law.

Compensation Grade/Pay Type:
111S

Expected Hiring Range:
$86,490.00 - $122,163.75

With the pay range(s) shown above, the starting salary will depend on several factors, which may include your education, experience, location, knowledge and expertise, and skills as well as a pay comparison to similarly-situated employees already in the role. Salary ranges are reviewed regularly and are subject to change.

To apply, visit https://northeastern.wd1.myworkdayjobs.com/en-US/careers/job/Boston-MA-Main-Campus/Application-Developer_R136108

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