Daniel Joseph Jr.
Game/Web/Software Development

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Today's Date: 4/16/2023

Boston, MA

Dear Museum of Science Representative,

Hi, my name is Daniel Joseph, I am a 5th-year game development and design student at Rochester Institute of Technology. I am applying to The Museum of Science today for the position of Web Developer. I would love to get hands-on experience with the web development process. I believe that work experience gained during my time at university will not only be essential but necessary in propelling my career & education forward, I place my confidence into The Museum of Science to not only deliver an excellent internship opportunity, but also expand upon my skills in web development, and hopefully new experiences working with the development of web design and backend development. Now that I have expressed the reasons why I am interested in applying to The Museum of Science I will give you 3 key reasons why you should hire me for your Web Developer.

Firstly, work experience, I have in the past worked with Lab Central of Cambridge Massachusetts, where I was tasked with working to get a Career Diagram working for the Lab central Ignite team. In this environment I was forced to quickly learn and implement a JavaScript library I have never used before, D3.JS. No one on my team had any kind of knowledge of JavaScript so, I also had to deal with bug fixing, documentation, and improvements, all without outside assistance. This showcases my problem-solving skills and my ability to adapt to new situations, I also had to do weekly progress updates and provide direction to my boss Matt Mackay on how to maintain and add data to the diagram. I conversed with UI Designers in meetings concerning colours and the style of the Career Diagram as well as how certain functions should be implemented, In the end I was able to implement the career diagram they wanted. This displays not only my willingness to charge head on and deal with an advance problem but also to my ability to work in a professional setting with a team and complete a given project.

Lastly, my education. 4 years of my education have been dedicated to learning Object-Oriented Programming (OOP) with 3 years learning C++ OOP and an additional year learning C# OOP. In addition to this, I have 3 years learning web development. Currently I have extensive education in HTML, CSS, and JavaScript as well as education in additional frameworks such as node.js, D3.JS, and Bulma. I believe my education is more than sufficient to work efficiently and quickly at The Museum of Science.

Thank you for taking time out of your day to read my cover letter, I hope we can follow up with an interview soon!

Sincerely,

Daniel Joseph Jr.