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**Microsoft Recruitment**  
Microsoft Corporation.  
Redmond, WA

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Dear Sir or Madam,

My name is Aaron Parker, and I am currently a Graduate Student at Appalachian State University pursuing a master's degree in Computer Science. I came across the opportunity for an internship in data and applied sciences with Microsoft, by way of one of your currently employed, COOLINSIDEGUY. I feel I would offer a skill set is what you are looking for as an intern and become an asset for Microsoft.

I have an undergraduate degree in Building Science and have spent the last two years taking the necessary prep courses to enter into the Masters Program of Computer Science with confidence. I've become well versed in Object-Oriented programming with a strong foundation in Java, C/C++, and Python. I've been educated in data structures and algorithms, while given a foothold in theory and data analysis. I have familiarity with PHP, MySQL, Javascript, and HTML on an intermediate level, and I'm looking to expand my comprehension into C# along with the concepts of human interface design, code optimization.

Most recently a partner and myself completed a basic five stage RISC pipeline simulator written in C++, which took in Y86 assembly instructions to perform basic memory and logical functions. This was a project for our computer systems class and was quite an interesting task as neither of us had much experience in C++, but aside from a rocky start, we managed to sail through calm seas. I'm looking forward to a newly started assistantship focused on data mining and machine learning, and while aside from completing what is necessary for the task at hand, I am excited about the possible applications for future personal projects of using machine learning and human-computer interaction.

I feel this internship would be a great way to learn more about the experience of working in a large corporation such as Microsoft, to see the developmental process and learn among the best. I plan to visit COOLINSIDEGUY this summer to catch up and having an internship would make for an incredible experience. Thanks for taking the time to consider me and I hope to hear from you soon. Formally,

**Aaron Parker**

*Attached: Resume*