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Dear Whomever It May Concern,

I am writing to apply for the Cloud Developer Assistant position with the University Technology Office. As a computer science senior with a passion for cloud technology and experience with AWS, I believe I would be a valuable asset to your department.

I am currently employed as a Data Engineer, also with the University Technology Office. My job consists mostly of writing data ingestion scripts in Python and provisioning their infrastructure on AWS, but I've also worked on some of their deployment pipelines and the Cloud service that orchestrates them, called Prefect. In addition to this position, I have also received my AWS Certified Cloud Practitioner certification and I continue to study for other AWS certification exams, so I have working knowledge of the Cloud and AWS in particular.

Other relevant positions I've had include my role as a software developer for an interdisciplinary Honors Thesis project developing accounting software, and as a TA for a class teaching data manipulation, storage, and visualization using Python and Oracle Database. In the former, my team and I developed web-based accounting software using javascript frameworks and AWS infrastructure according to specifications given to us by a student accounting team. In the latter, I helped prepare materials for and teach a class on Databases and Python for scientific applications, including data analysis and visualization, and I became quite familiar with the tools for doing so, including Pandas and Matplotlib.

In addition to my work experience, I have also had the opportunity to work with embedded systems. During my last semester at ASU, I took CSE 325, Embedded Microprocessor Systems, in which I learned how to program a microprocessor for the purpose of its inclusion in larger systems. The material from the class was some of the most intriguing I've ever encountered, and it gave me a strong interest in the modern applications of these systems, notably IOT. I would love the opportunity to explore the technology further and to put it into practice in the real world.

My resume includes more information about my education and past work experiences. Please feel free to contact me if you would like any more information.

Sincerely,



Benjamin McLemore