Andrew Gao

Software Development Intern

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Joe Random
Hiring Manager, Amazon
1100 Enterprise Way
Sunnyvale, CA 94089

Dear Hiring Manager,

I am writing to express my interest in the Software Development Internship at Amazon in Sunnyvale, California. As a Bachelor's and Master's student in Computer Science at Georgia Institute of Technology, with a cumulative GPA of 3.94, I have been rigorously trained in a variety of computing disciplines, including algorithms, machine learning, data visualization, privacy topics, and deep learning. My work experiences and project involvements have equipped me with a solid foundation in software development, teamwork, and innovation, aligning perfectly with Amazon's culture and technical demands.

During my tenure as a Software Engineering Intern at KLA Corporation, I spearheaded the transition towards real-time data streaming using Apache Spark, Apache Camel, and a variety of other technologies, significantly enhancing operational efficiency with latency times of under ten milliseconds between output and input. At Kimberly-Clark Corporation, I authored numerous Terraform modules to automate Azure resource deployment, showcasing my proficiency in cloud automation and DevOps practices that can easily translate to AWS. These experiences have honed my skills in developing scalable, efficient solutions that drive business value. My project with the Smart Stadium Machine Learning Team at Georgia Tech, where I led a data cleaning effort and contributed to a convolutional neural network's hyper-parameterization, underscores my capability to apply machine learning knowledge to practical challenges. I am currently working on object and player detection to further enhance the accuracy of our model. Similarly, my leadership role in the Paravoid Software Team through GT VGDev exemplifies my ability to manage teams, communicate effectively, and deliver tangible results.

 I am eager to contribute my skills and energies to Amazon, where I believe I can grow as a software developer while making meaningful contributions to your team. I am excited about the opportunity to discuss how my education, skills, and experiences align with the needs of Amazon's software development team.

Sincerely,

Andrew Gao