

Andrew Kelton

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Dear Hiring Manager,

As a motivated student pursuing a Bachelor of Science in Computer Science, focusing on computer vision and machine learning, at the University of Central Florida, I am ecstatic to have the opportunity to contribute to your inventive company and gain valuable hands-on experience in the field.

I have always been intrigued by technology and its ability to benefit the physical world around us. This passion led me to pursue a degree in Computer Science, where I have gained a strong foundation in programming languages such as Python, C, Java, Golang, SQL, JavaScript, and Bash. Through my coursework and personal projects, I have developed experience in software development, machine learning, algorithm analysis and design, APIs, and Operating Systems to name a few.

What sets me apart from other candidates is my ability to apply skills in a creative manner to achieve a desired result. For example, I was inspired to create a machine learning program to predict outcomes of MLB games. Through a multitude of reading and trial and error, I successfully created an algorithm that can predict MLB games with a 70-80% accuracy. To expand my skillset, I am currently creating the client-side for this project using JavaScript and React.js. This project allowed me to apply my critical-thinking skills and knowledge in advanced data structures and algorithms, APIs, and machine learning to achieve a real-world result.

Another experience I have with creating software was in my COP3402 (Systems Software) class, where I collaborated with a group of four. Together we created a Virtual Machine, SPL Lexer, and SPL Parser with Bison and were rewarded a 100% in each project. Through this experience, I learned the importance of collaboration, adaptability, and problem-solving with a deadline.

I am eager to apply my skills to a real-world problem and gain experience from your company's leading professionals. I would be thrilled to discuss my qualifications in greater detail and appreciate your time for consideration.

Sincerely,

Andrew Kelton