Jeremiah J. Ondrasik

Computer Science Major
Computer Engineering & Math Minor

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Dear Hiring Team,

I am not merely seeking a place of employment; I am pursuing an opportunity where I can learn, grow, and contribute meaningfully within the field of software engineering. Since my freshman year of high school, I have been a dedicated and hardworking individual, eager to learn and apply new knowledge. Whether building personal robotics projects or teaching swim lessons at my local YMCA, I have always enjoyed both learning and sharing my knowledge with others.

As a freshman in college, I used my high school certifications to make a direct impact in Centre County, contributing to the design and development of three major high-rise projects: East Halls, Mount Nittany Medical Center, and Pollock Halls. Though my first internship focused on my mechanical background, I quickly realized the value of software in optimizing workflows. Leveraging the knowledge I gained during my first year as a Computer Science student, I developed an application for Barton Associates that automates the process of extracting and compiling important data from Excel files, reducing a task that previously took engineers an entire day to complete to just five seconds. I am proud to have left a lasting mark on the company, and I hope to do the same for yours.

In my role as a CMPSC 132 Learning Assistant, I have further deepened my understanding of Object-Oriented Programming and Data Structures & Algorithms, all while enhancing my teamwork, leadership, and teaching abilities.

I am proficient in a variety of programming languages and tools, including Python, C++, C, Java, HTML, CSS, and JavaScript. Additionally, my expertise extends to mechanical and electrical design, where I am experienced in using industry-standard CAD tools such as SolidWorks, Fusion 360, Revit, and AutoCAD. My strengths in Object-Oriented Programming, Data Structures, Robotics, and Mechanical Design have been continuously developed through both academic and extracurricular engagements and have been an essential asset throughout my development.

My education at The Pennsylvania State University has provided me with a solid foundation in Computer Science, further enhancing my theoretical and practical skills in software development. I am enthusiastic about the opportunity to contribute to your team as a software engineer and am confident that my background and skills will have a direct impact on your company. I look forward to discussing potential opportunities with you. Should you need any further information, please do not hesitate to contact me.

Thank you for your time and consideration.

Sincerely,
Jeremiah Ondrasik