

Ethan Kupka

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Dear Employers,

Please consider my application for the summer intern position. Throughout all my experiences, I have had to display and develop three traits: creativity, hard work, and attention to detail. Since Computer science is one of the arduous majors that requires earnestness and cleverness, it was only a matter of time before it came to my attention. I became extremely interested in CS as I began to take classes which exposed me to the up and coming technology and the wide variety of CS disciplines that are emerging to solve complex problems.

During my first year at Cornell College, I studied Python in my Foundation of Computer Science course, where I exercised effort and teamwork by making a 21 blackjack program in just four days using Python. This required us to divide up the work and present the code to the class. We worked outside the classroom for an extra six hours a day and held meetings before class to discuss possible ideas to go beyond the minimal requirements for the project. One of the improvements that resulted from our work was allowing the user to bet and having the computer match it. I had also, looked up more efficient ways to rewrite the loops of the code. From my research and project, I learned how to make an effective loop sequence.

Later in the year, I had studied boolean algebra: where I gained a firm understanding of the material in the discrete mathematics course for CS. My most recent course went over computer organization: specifically the CPU, where I made all the gates necessary to make an ALU unit using C. While in this more advanced course, I had daily lacrosse practices and worked three 5 hour shifts a week. I had to be creative how I spent my time to be successful in class, work, and athletics. Recently I used JAVA to develop starter programs of sequential search, binary search, selection sort, insertion sort, and merge sort. The total languages I am familiar with include JAVA, Python, and C. I also plan to learn Swift and Linux with in this next year.

Furthermore, from my experiences I have developed the teamwork, leadership, and problem-solving skills needed to excel at any task. As a committee member of the Student Athletic Advisory Council, a lacrosse teammate, and C4 club secretary I have experience establishing a plan for projects, developing excellent communication among my team, and learning and performing new tasks. My ability to work in a fast-paced environment can also be seen in my successful undergraduate experience condensing a semester's worth of material in 18-day long courses on Cornell Colleges' One-Course-at-a-Time block plan.

I am available to relocate for the summer starting May 20th and will be available full time through August 19th. Please contact me at (303)-667-4095 or ekupka1@gmail.com if you have any questions. I look forward to talking with you in the future. Thank you for your time and consideration.

Sincerely,

Ethan Kupka