

Dear Mattel Hiring Team,

I am a very design oriented Mechanical Engineering major at Carnegie Mellon University who is interested in your position as a Product Development Engineer intern. I am incredibly interested in this role as my passions lie in the design and development of new and interesting products and my history of rapid prototyping and CAD experience would be well suited towards this role.

Although I am only a rising junior in college, I believe that I have more than enough skills to be of use to you during my time at Mattel, mostly due to the extra experience I gained participating in FIRST Robotics, a high school level international robotics competition. I served many different roles during my 3 years in the program, each of which taught me different skills. Before FIRST, I knew nothing but during my first year I pushed myself and came in during extra hours to learn. I became one of the students responsible for maintaining the robot in the stressful environment of competition, an experience which taught me how to mitigate the chance of failures and how to be ready when one occurred as well as improved my manufacturing skills. After teaching myself Solidworks over the next summer, I was made a design lead where I guided a small team of students through the prototyping process. We used Solidworks to design a pneumatic claw for our robot and then manufactured the parts to ensure our subassembly was completed in time. During my final year on the team I was elected president, a role which further honed my skills as I not only worked to prototype and design the main section of the robot but also managed the other design groups to ensure that all the subsystems were compatible with each other and proceeding along on schedule.

As a Mattel intern I would be able to apply my skills to rapidly generate new designs and prototypes as well as work to develop unique solutions to address any challenges at hand. Additionally, I could generate any models you might desire as well as prepare parts for manufacturing as I am a certified Solidworks Associate with 5 years of CAD experience.

Mattel serves as an innovative company with a passion for their work, a passion which I want to build upon. My true passion lies in design and I hope that I can improve my skills in this area at Mattel. I am more interested in the learning experience and am willing to work at the lower rate for a rising junior. For an overview of some of my projects please check out my website at www.mmong.me. If you have any questions, feel free to contact me by phone at (817) 938-0718 or at mmong@andrew.cmu.edu. Thank you for your consideration.

Respectfully,
Michael Mong