

Andrew J Furst  
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Writing 50E  
Cover Letter

To whom it may concern,

I am writing to express my interest in joining the hardware engineering team at Apple. Although just finishing my freshman year at UCSB, I have first hand exposure in both production and fabrication, and am currently employed by UCSB doing design and prototyping for CNSI (California NanoSystems Institute). I strongly believe that my previous experience could benefit the hardware engineering team and that I could contribute to culture and engineering that Apple is known for.

My background as a machinist spans 4 years, an apprenticeship, and two different machine shops. Over the years I have gained leadership and instructional skills by assisted in the training of students in the machine shop, and have worked hard to both amass and distribute knowledge in order to increase the flexibility of my trade. These skills have provided invaluable foresight into subjects such as mass production and the importance of balancing tolerances, which have given me a leg up over many of my peers.

Despite my lack of industry experience, I have had the privilege of working on many teams and so have become adaptable in filling in and supporting my team where necessary. On a competitive IEEE robotics team I was surrounded with many students with much greater experience in robotics, and there for found my supporting roll working on hardware for image tracking and recognition. Later however, I found myself leading an engineering team working on a mecanum wheel vehicle, where I was fortunate enough to be able to directing the ideas of my incredible team.

I find myself drawn to the focus of precision and originality which stems from the Apple hardware team and appreciate the willingness of said team to pursue and explore unique designs and solutions. As a good portion of my current job revolves around a constrained budget of professors and labs, creative solutions have become an invaluable asset to my design process. In the event that I were selected for this position, I believe that my unique blend of education, design style, and craftsmanship would be an asset to the hardware team and could contribute to Apple as a company.

Thank you for your consideration,

Andrew J Furst