

June 1, 2018

Mr. Mark Burton, Hiring Lead Armor max 181 South 600 West Bay 5 Ogden, UT 84404

Dear Mr. Burton:

I am writing in response to your email to Mrs. Susan Foss on May 14th, inquiring for students to intern for your company. Would you please consider me for the position? I believe that my academic training in electrical and computer engineering at Weber State University qualifies me for the position. I also have much experience in this field as it is my hobby.

My education at Weber state University has given me a strong background in programming, computer hardware, and embedded systems. I have concentrated on programming and have created a program to produce a maze and solve the maze with the method of recursion. For my final project, I created a PONG game embedded system using the 8051 microcontrollers. The game is fully functional and includes a few extra features such as soccer mode.

My favorite hobbies are designing and programming. I have designed a system in my house that wakes me up with an alarm and turns my lights on to give my dark room the effect of sunlight. The system then turns on my towel heaters, so I have a warm towel when I get out of the shower. I have also designed a web server that is run on my LAN and can control different lights.

The enclosed resume provides an overview of my education and experience. Could I meet with you at your convenience to discuss my qualifications for this internship? Please leave a message any time at (801) 814-3043 or email me at [riverschenck@gmail.com](mailto:riverschenck@gmail.com).

Sincerely yours,

River Schenck Weber State Electrical Engineering Student