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# Alexander Haw

I see it as my duty as an engineer to uphold integrity, honesty, and goodness in our industry. The rate of growth that we're observing in technology is unprecedented in our history, so likewise the influence of our actions have unprecedented importance.

## Education

**University of Minnesota Duluth** 2017-2021  
B.S. Electrical Engineering, Minor in Computer Engineering  
GPA: 3.4

## Experience

**American Precision Avionics**  
2019-2021  
*Wiring Harness Engineering Intern*

**North Harbor Services**  
2018-2020  
*Landscaper*

**Various** 2013-2019  
*Line Cook*

**IEEE Club at UMD** 2019-2021  
*Club Chair*

## References

**Kellen Bolander**  
*Engineering and IT Manager at APA*  
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*President of IEEE Arrowhead Chapter*  
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*EE Professor at UMD*  
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# Synopsis

I've worked for the last two years as an engineering intern at American Precision Avionics in Duluth MN, working with their fantastic engineering team to produce the very high quality wiring harnesses for use in aviation and industrial equipment. Here, I learned about technical documentation, CAD, and industry quality standards. I also found an interest in computer networks, 3D printing, and creating desktop applications while I've invented methods and devices to help both the engineering and production teams.

When I'm not working or studying, I like to pass my time working on digital circuits and software. I'm especially interested in vehicle electronics; While on the road, I've kept myself occupied by troubleshooting the systems on my motorcycle (from 1982!) and continuing my software experiments on my laptop.

I've also worked with the IEEE Arrowhead Chapter as President of the UMD IEEE Club. As a club we've organized events to enrich and supplement students' learning, including company tours, workshops, and offering tools for students to investigate EE and find their place in this wonderful profession.

I would like to work on a team to develop new devices and methods to solve the problems at the horizon of our industry.

My mission is less specific to any certain technology, instead I hope to apply my philosophy toward technology in whatever form my job takes. There is more richness to me in solving challenging problems than working on any particular project. I wish to find purpose and meaning in my work, as I think that my career is how I'll make an impact in the world.