**Engage.**

**Have questions.**

What is the business model of the company?

**Research company.**

History: Nothing much there!

Company values: Our mission here at Merlin Labs is to develop hardware and software solutions that deliver the capability for aircraft to fly useful missions autonomously and safely.

Found this guy named William Koch and I went through some of his projects on GitHub. It was mind blowing and interesting to learn that we had worked on similar sensors for the IMU units.

**Position req.**

BS in Computer Science or a related subject.

2+ years of experience developing software for physical systems such as aircraft, robotics, or medical devices, with demonstrable deep knowledge of C++.

Developed software for complete execution of a liquid propelled rocket using C for about 1.5 years.

Deep experience with Linux and open-source development tools.

Have been working on LINUX for a while including git and Visual Studio.

Experience with product development, including testing and troubleshooting at the system level as well as at the software component level.

HIL testing for the static fire test of the rocket. Dive into individual systems on the rocket to predict behavior and model a simulation of the system in SIMULINK.

Experience with Python.

Experience in one or more areas of robotics and autonomy, such as estimation, control, navigation, or computer vision.

Traffic light classifier, Kalman filters, discrete control applications, home service robot project (in progress), RC plane self-balance.

**Send thank you notes.**

**Dress Properly.**

**Tell me about yourself.**

*Key #1: Not personal story. What are you bringing to the table? What value do you bring to the company? What problems can you solve?*

*Key #2: Be yourself. But be your best self!*

*WIIFM- What’s in it for them?*

*Every statement you make should tie back to what is in it for them!*

I’m very versatile in terms of the challenges I like to take on and I think that’s one of the very core qualities a good engineer should have.

*Don’t go all ME, ME, ME, ME! Use the SSS method-*

***Success:*** I have been doing this for the last 4 years and I specialize in this and in the last 3 years I have helped this company grow their projects this much. I have referenced the client in the cover letter.

***Strength:*** My real strength is my ability to truly understand what your audience wants. I pride myself in creating blank.

***Situation:*** How does my background apply to the new positions?

What I’m looking for is a company where I can add true value and get a return on my time that I invest by enhancing and learning new skills from great teams. For this reason I’m extremely interested in start-ups.

In the end, ask a question.

**What are your weaknesses?**

*Don’t make it about your personality! THOSE ISSUES CAN’T BE FIXED IN THE SHORT TERM. Make it about a skillset. Always attach it with a plan to fix it.*

My weakness: Reading books.

I truly understand the significance of books and from all my mentors and all intelligent people I know in all fields, I’ve come to understand the strong influence it can hold in someone’s life. I do read a lot of textbooks for learning new concepts, but I have yet to properly finish a non-technical book. After multiple failed attempts over the years, I’ve recently found a great service called Blinkist that provides a brief insight into the key points made by great books. I’m hoping once I’ve tasted the fruits firsthand my grit to read more might enlighten.

**Some of the biggest challenges you’ve faced and how you dealt with them?**

Teaching myself an entire degree program. Transitioning to Software.

I got 2 mentors late but still got them.

Many frustrated nights where I felt lost and wanted to give up but kept going- am still going.

**What is your biggest strength?**

Curiosity and commitment:

**Where do you see yourself in 5 years?**

When I make a commitment, I truly like to stick with it. You can see that from my resume and experiences. I see myself sticking through with the company I’m at and making my way up to more supervisory roles where I can execute great ideas and implement solutions on a bigger picture.

Questions: What is the business model of the company?

What other companies are you seeking candidates for? Your LinkedIn mentions 3 bullet points and I’m very curious about the first one.

Interview was good:

He suggested looking out for the following:

<https://bluerivertechnology.com/join-us/>

https://svrobo.org/robojobs/

Circle back with him in 2 weeks about entry-level positions.

Make the resume to reflect the tools used.