

Dear Rick Echevarria,

I recently graduated in July with a bachelor's in electrical engineering and I am halfway done with my master's degree in electrical engineering with a focus in VLSI. I have also been working full time as a Production Specialist while taking classes for the past 4 years at a medical device company called Micro Systems Engineering, Inc. I wanted to make your job as easy as possible so here is what I can offer Intel and what I am looking for:

## **What I have to offer:**

- **Leadership** – I am often responsible for coordinating production tasks for about 12 other specialists, dealing with workflow issues, and leading projects. As an example, today we had a production wide server crash. I managed 3 different production groups of about 3-4 people each during the recovery of each process.
- **Teamwork** – I have been working in various teams for the past 4 years. I have never had any conflicts with other coworkers, and I grow fond of all the people I work together with.
- **Quick Learning** – To achieve a 3.97 GPA while working full time I have no choice but to learn the material quickly. At work, I was tasked with making major changes to a LabVIEW program controlling a production robot. I was able to learn the language for the first time while performing the task and senior engineer that helped train me trusted me enough to perform code reviews for his other LabVIEW project.
- **Technical Experience** – I have professional experience teaching and calibrated automated systems like Epson 6-axis robots. I have experience building and programming custom 4-axis robot cells. I have professional experience programming in LabVIEW, and I have college experience with SystemVerilog, Assembly, and C/C++.
- **Hardware Experience** – I have taken classes on microprocessors, computer architecture, digital IC design, analog IC design, ASIC modeling, and hardware verification. I have a strong educational background in circuits and hardware.

## **What I am looking for:**

- An entry level engineering position in embedded programming or hardware design. The most fun I have ever had at college was programming a microprocessor in ARM Assembly and C. I am very fond of C++ and SystemVerilog, and I have also been learning embedded Rust on my free time.
- Gaining more experience with FPGAs would also be phenomenal. Anything involving using logic analyzers and/or oscilloscopes to troubleshoot would be great too!

Thank you so much for giving me the time. My love for computers is the reason I went into electrical engineering, and I would love to work at a company that makes Moore's law a reality.

Best Regards,

Artem Kulakevich