

# Quentin Pointeau

+33 6 16 64 04 45

[contact@quentin-pointeau.fr](mailto:contact@quentin-pointeau.fr)

December 25, 2024

Dear Hiring Manager,

I'm excited to be applying for the Cybersecurity Summer Intern position at Keysight Technologies. I have had a strong interest in app and web development for some years now. I've been interested in your company due to its reputation and I saw your many awards, including the World's Best Employer in 2023. It seems that Keysight Technologies is a great place to work, and that's very important for me. I'm eager to learn more and develop my skills in networks and cyber security so when I saw this summer internship opportunity, I didn't hesitate for a second.

During my studies at Toulouse INP – ENSEEIHT, I developed several school projects such as a fake business network of an ISP with Docker, a mini compiler in Ocaml, a peer-to-peer downloader application in Java or a communication project between a computer and a FPGA card. This allows me to develop a wide range of skills that permit me to understand the basis of computer science and particularly networks and communication protocols. I also developed my portfolio on my own from scratch using web development basis skills (HTML, CSS, TS, Angular). I also have knowledge for low level programming languages (C, Assembly), object oriented languages (Java) and functional programming languages (Ocaml). I am also planning to take the TSL-SEC courses, a formation in cybersecurity with two others french engineering schools : INSA Toulouse and ENAC.

I think I have a good knowledge of communication protocols and usage of Linux environments, which I've been using on a daily basis for the past 5 years. I also use control-version tools such as git. I think that with my knowledge, skills and perseverance, I can make a real contribution to your test bench project for your IoT equipment.

Thank you for considering my application. I look forward to the opportunity to discuss how I can contribute to your team.

Sincerely,  
Quentin Pointeau.