



**Researcher/ research intern in sensor data acquisition and processing**  
at Tencent

We are looking for a researcher/ research intern for our Robotics X Lab based in Shenzhen.

**What you will be doing:**

- Responsible for large array sensor front-end signal conditioning circuit design and PCB design.
- Responsible for analog amplifier circuit, sampling circuit component selection and function verification.
- Responsible for sensor array calibration and debugging.

**We'd like you to have:**

- Bachelor degree or above in Computer Science, Electrical Engineering, Robotics, or related field.
- 3 years of experience in circuit design preferred (familiar with analog signal conditioning circuits).
- Experience in circuit design of sensor products
- Proficient in circuit design software, schematic design, PCB design and analog signal simulation.
- Inquisitive, proactive, and interested in learning new tools and techniques.
- Ability to communicate/collaborate with other engineers/teams and strong problem-solving skills

**Bonus points:**

- Background in SLAM, multi sensor calibration, or real-time detection algorithms
- Experience with ROS

Contact: [jessiedai@tencent.com](mailto:jessiedai@tencent.com)