



Job Profile – Electronics Engineer Internship

Insightness is a spin-off company of the University of Zurich and the Swiss Federal Institute of Technology (ETH Zurich). We develop computer vision systems based on our own, novel “Silicon Eye” vision sensor (ASIC camera chip). The complete technology stack has been developed in-house: from sensor chip and camera PCB to drivers, software and computer vision algorithms.

We are currently building highly efficient systems for visual localization, mapping (SLAM) and tracking, targeted at emerging markets such as augmented reality devices. Some of the world’s biggest companies are our customers and with one of these big names we have recently signed a deal for a really exciting project.

Now we are looking for skilled people to strengthen our hardware team. Should you be interested in discovering the start-up world and working on a cutting-edge technology together with the players that build the technology of tomorrow, come and join us because we are one of very few places in Switzerland that allows you to do so.

Job Description

The actual task assigned to you will be defined according to your skill set and your demands.

Possible tasks include:

- Improving our sensor characterization setup. This means controlling instruments from the computer using python scripts, recording data automatically etc.
- Design a PCB (schematics, layout) for one of our camera modules
- Add features to our FPGA firmware
- Design and simulate features for our next test chip

Requirements

- Bachelor in Electrical Engineering or similar, ideally close to finishing your studies
- Advanced problem-solving skills: identify problems, come up with solutions and evaluate their performance
- Fluency in English
- Excellent communication skills
- Highly motivated team player

Benefits

- Become a part of a small, highly motivated and skilled team where you can have a major impact
- Gain insights into problems beyond hardware: computer vision, product design, business etc.
- Experience the startup culture – Flexibility and Freedom
- Working on cutting-edge technology for applications in Robotics, Automation, Virtual and Augmented Reality
- Work with the world’s biggest and most influential technology companies
- Chance to get a full-time position after internship

Application

Visit our website for more information. Submit your Cover letter, CV and Transcripts to our email address to apply for this position.



Insightness

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