

Student Job as a Software Developer at SBT Instruments

One of the biggest microbiological challenges in the food industry, at hospitals, in pharma, etc., is the slow response time of bacteria measurements. Today, these industries spend 1–7 days on each bacteria measurement, which makes it impossible for them to react proactively to contamination issues. SBT Instruments has developed an instrument that can measure the total bacteria level in a sample in just 5 minutes. If you are the kind of student that wants to work with ground-breaking technology then we have an exciting student job for you in our award-winning start-up company, SBT Instruments. The job is 10–20 hours a week and the hourly wage is DKK 150. The job is located in SBT Instruments' offices at Symfonivej 37, 2730 Herlev, Denmark.

The Job

You will work in our company as a student helper and your primary task will be developing the software for our real-time bacteria sensor used in the private industry. Your job will affect every layer of our software stack: From the digital signal processing (C++17) and bacteria detection (C++17) to the HTTP interface (Python 3.7) and live data streaming in the browser (Typescript). You will be involved in both the theoretical software design and the practical implementation.

Your Qualifications

You are currently a student at KU/DTU/ITU and studying computer science, software engineering, software development, or similar, and preferably have at least one year of your studies remaining. You must be structured in your approach to software development and be ready to take on unfamiliar tasks. It is an advantage if you have previous experience with full-stack software development. Concrete experience with the following is an advantage:

- Modern C++ (C++11 and later)
- Modern Python (Python 3.5 and later)
- Angular (and Typescript)

Concrete experience with the following is an advantage but not a requirement:

- Embedded systems (with Linux)
- Concurrent programming (coroutines, threads)
- Matlab

We Offer

You become a part of a motivated team with an informal culture consisting of six full-time employees where you will help us bring an innovative bacteria sensor to the private industry on the global market. You will be part of the leading group of start-up companies in Denmark and you can regularly pick the brains of the team behind SBT Instruments, which will strengthen your professional profile and CV.

About SBT Instruments

SBT Instruments is a spin-out company from DTU that was established in 2014. The company has worked 4 years on technology and product development and is currently commercializing the first product. The company has won Venture Cup, been finalists in various other start-up competitions, and the three co-founders are all on Forbes' European 30 under 30 list.

Your Application

If you need further information then please contact Frederik, fpa@sbtinstruments.com, +45 3034 0086. Application, grades, and CV must be sent electronically to fpa@sbtinstruments.com. Deadline is 1/6-2018.