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APPLICATION: SOFTWARE ENGINEERS SPECIALIZED IN JAVA

Hi Universal Robots.

It is with great excitement that I submit my application for the *Software Engineers specialized in JAVA* position.

I am a graduate within Software Engineering and with great interest in robotics, IoT and automation. With my line of study I have had a focus on generating value for both company and customer, with semester projects in collaboration with different businesses.
During my studies I have taken the following highly-relevant courses for the position you describe:

- Advanced Software Systems Design and Technologies

- Component-Based Software Development

- Domain Specific Languages

- Embedded Systems with Linux

- Software Maintenance

- Software Customization and

- User Centered Design

With these competences, you will find me highly qualified for developing quality software with the entire software life-cycle in focus. For instance, in software- maintenance and customization I have learned how to develop software systems that do not have an exponential cost associated with maintenance and continuous development. Further, I have learned about and worked with a great variety of frameworks for dividing software into components (including OSGi and Swing) as well as a set of service architectures.

The position also requires the ability to achieve quality through Test-Driven development. In my studies, I have worked with Test-Driven development both in the form of top-down and bottom-up approaches to achieve BDD, ATDD and TDD. In addition, I have worked with benchmarking development performance based on KPIs derived from these development strategies to quantify and control the quality of the developed software.

I have worked with continuous integration and continuous deployment, during my work at both Powel Denmark and at Ramboll, in order to achieve faster development cycles and early acceptance-test verifications. Thus, I fully understand the need for revision control systems when working with these practices and I have experience working with SVN, TFS and I am a heavy user of GIT.

Thank you in advance for the time you dedicated to my application. I am looking forward to hearing from you.

Best regards,

Emil Sebastian Rømer