

Student Assistant (HiWi, WiHi)

Supporting Development of Drone Operation Software

About us:

We are a tech start-up working to develop and market innovative spin-off products. Right now, we are improving the way that remotely controlled semi-autonomous drones are used in search and rescue operations, enabling first responders to more effectively prevent loss of life and property. Our project, which originated in the robotics research group at the Chair of Astronautics, involves numerous fields of activities, spanning technology research, application and business topics. We are currently looking for enthusiastic and motivated students to join our team. Be part of the journey!

Task Description:

In order to quickly develop reliable and robust software we are looking to implement and follow a DevOps workflow, including automated building and testing in pre-defined environments. We are working on a cross-platform solution, consequently pipelines need to work with different interchangeable components. Your resulting task is to assist the research team in implementation, enforcement and maintenance of a DevOps workflow.

Work Packages:

- Maintain, update and extend our DevOps toolchains as necessary
- Standardize and unify the software build environments across multiple platforms
- Assist researches in troubleshooting build problems
- Create documentation for the DevOps workflow

Requirements:

- Enrolled in a Computer Science degree or a similar course of studies
- Previous experience with DevOps
- Proficiency in C++
- Knowledge of build automation and testing tools (CMake, Gitlab CI, Docker, Googletest, ...)
- Ability to work in both Linux and Windows environments
- Ability to work in a multi-disciplinary team

Applications:

We look forward to receiving your application. Please send your CV and documents to the e-mail address below.

Contact

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