InnovBot develops wall-climbing robot technologies, offers reliable vertical mobility and high-precision positioning solutions to automate the non-destructive testing (NDT) of infrastructures, and produces high-quality robotics-based inspection/cleaning tools for clean energy and building management industries.

Innovbot currently has an on-going NSF SBIR Phase-1 project and is applying Phase-II project. The company is looking for a mechanical engineer (Master degree or undergraduate with hands-on experience in ME design, product development and manufacturing) to transfer its wall-climbing robot prototypes into industry product.

The candidate is expected to start working in summer or fall 2020 as a part-time employee, and continue to work full time at InnovBot starting in Spring 2021 (if the Phase-II grant is awarded). The candidate must be a US citizen or permanent resident to be eligible to work full time at InnovBot with decent salary and benefits which will commensurate with their working experience.

Qualifications:
1) U.S. citizen or permanent resident
2) Willingness to join a dynamics team in a start-up company to work with other ME/EE/CS engineers and PhD students at The City College of New York.
3) Ability and desire to work independently with minimum supervision with a strong record of meeting and managing project deadlines.
4) Minimum 3+ years experience in mechanical design, product development and/or manufacturing
5) Proficient with SolidWorks and other CAD tools
6) Good knowledge of design for manufacturing (DFM) principles, CNC Machinery, 3D printing and inject molding.
7) Good knowledge in robot locomotion, drivetrain, motor selection and control
8) Creative and practical problem solver
9) Demonstrated interpersonal skills and dedication to Mission Success and entrepreneurship
10) Strong project management skills, excellent written and verbal communications skills.

Interested candidates should send resumes to innovbot@gmail.com for initial screening.