

# HASSAN BILAL RABIU

## STUDENT

### CONTACT

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- hassanr.bilal@gmail.com
- Github
- LinkedIn
- Belgorod

### TECHNICAL SKILLS

Programming: C, Python, Matlab, Pascal, SQL

Engineering Software: MSC Adams (Multibody Dynamics)

AI/ML (Technologies: DL, TensorFlow, OpenCV, Keras, Scikit-learn)

Design Software: AutoCad

Simulation/Automation: MATLAB/Simulink

### PERSONALITY

- Ambitious
- Problem-Solving oriented
- Critical Thinking
- Creative Thinking
- Adaptability
- Leadership
- Resilient
- Communication
- Time Management
- Detail-oriented

### LANGUAGES

- English
- Russian
- Arabic

### CERTIFICATIONS

- Artificial Intelligence for Health - World Health Organization (WHO), 2023
- Data Science - Simplilearn, 2024
- TOEFL (Test of English as a Foreign Language) - ETS, 2024
- "Productivity Skills" Course - Российское общество Знание, 2024 (Boosted my time management and organizational skills!)
- Ongoing Course: Computer Science - Harvard University
- Ongoing Course: Data Analysis - VK Education

### SUMMARY

Ambitious Mechatronics and Robotics upcoming graduate with a wide range of skills as well as a passion for and desire to turn dreams into reality. Proactive in programming, automation and control systems, I achieve maximum productivity in a project-based environment by using analytical thinking and computational problem-solving skills to find new solutions. Along with the capacity to communicate with the group effectively, I am enthusiastic about learning and contribute jointly to the technological development that has a positive influence on the real world.

### WORK EXPERIENCE

#### Intern

Feb 2024 - March 2024

Sciener

- Engaged in in-depth exploration of Sciener's cutting-edge ERP systems, acquiring expertise in industry-specific technology applications.
- Mastered the complexities of ERP architecture and functionalities, enhancing technical proficiency.
- Engaged in testing procedures, translating theoretical knowledge into practical solutions.
- Collaborated with senior engineers, advancing practical software development skills in the ERP sector.

### EDUCATION

#### Undergraduate

2019-2024 (expected)

Belgorod State Technological University  
named after V.G. Shukhov

- Specialized in mechatronics and Robotics, merging principles of machinery, electronics, and computing.
- Progressed through foundational physics and mathematics to advanced control systems and automation.
- Conceptualized and designed a device to convert minimum and maximum cabin temperature values in aircraft into linear movements for air duct valves.
- Engaged in a project focused on constructing a pneumatic-powered mobile robot.
- Gained practical experience, reinforcing an interest contributing to innovation in mechatronics.

**Notable courses:** Robotic systems Design, Mobile robots, Microcontrollers, Computer vision, Intellectual systems, Operating systems.

#### High School Diploma

Air Force Comprehensive School

2014-2017

- Obtained a High School Diploma with a commendable GPA, covering fundamental subjects like Mathematics, English, Science, Engineering, and Social Studies, along with active involvement in sports and community service.
- Developed essential skills in communication, teamwork, and time management through a variety of academic and extracurricular activities.