

Sergio Gasquez

Curriculum Vitae

Alhendín - Granada
☎ +34 685 404 255
✉ sergio.gasquez@gmail.com
in [sergiogasquez](#)
🌐 [SergioGasquez](#)

Education

- 2013–2018 **Bachelor's Degree in Telecommunications Engineering**, *Higher Technical School of Computer Sciences and Telecommunications Engineering (E.T.S.I.I.T)*, UGR, Granada.
Focused on *electronics* and *microcontrollers*.
- 2017–2018 **Erasmus +: Bachelor's Degree in Telecommunications Engineering**, *Fakulteta za elektrotehniko*, Univerza v Ljubljani, Ljubljana.
Focused on *artificial intelligence* and *electronics*

Experience

- 2017–2017 **Full Stack Developer**, *Bi4 Group (Bi4 Academy)*, Granada.
I was part of a team that developed an API that can be easily integrated giving an extra layer of security for your application by validating and storing all the data in a private blockchain.

Projects

- AI Autonomous mobile robot in a escalated town using ROS
- AI Survey on preprocessing techniques for Heterogeneous Face recognition with VGG-Face
- Electronics Solar powering for modular power banks
- Electronics Desing and development of a *Moisture Sensor*
- Electronics Desing and assemblage of an homodyne receiver syntonizing an A.M station
- Arduino Microcontroller-based irrigation system

Skills

- core Python, C, MatLab, VHDL, AngularJS
- tools Git, \LaTeX , OrCAD, Quartus, ROS, LabVIEW, MongoDB, Scrum

Certifications

- Bi4Group Member of Bi4Academy-Blockchain (140h)
- Udacity Programming Foundations with Python
- Code School Try Python
- Cambridge English Cambridge English Level 2 Certificate in ESOL International (Advanced)
- Coursera Electrons in Action: Electronics and Arduino for your own inventions

Interests

- Electronics Research and study in everything related with this field
- Instrumentation Design and development.
- Microcontroller Open source hardware. Arduino
- Telematics Related challenges and new advancements
- CS AI, blockchain, machine learning