

Georgios A. Konstantopoulos

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- EDUCATION** *M.Eng. Electrical and Computer Engineering*, Aristotle University of Thessaloniki, School of Engineering, Thessaloniki, Greece, expected 2018
Relevant Coursework: Electronics, Electrical Circuits, Software Engineering, Data Structures, Structured/Object-Oriented Programming, Algorithms, Robotics, Controls, Microcontrollers, Operating/Distributed/Embedded Systems, Signal/Image Processing
- TECHNOLOGY SKILLS** **Programming Languages:** Python, Solidity, Matlab, C/C++, Java
Operating Systems: Windows, Linux (comfortable with multiple flavors)
Other: Penetration Testing, Computer Networks, Raspberry Pi/Arduino
- EXPERIENCE**
- Researcher and Technical Writer* October 2017-Present
Loom Network <https://loomx.io>
- Performing research on Blockchain scalability.
 - Writing articles on blockchain fundamentals, security and scalability.
- Software Engineering Intern* July 2017-December 2017
Honda R&D Germany <http://www.honda.de>
- Researched blockchain applications on energy markets.
 - Developed and tested proprietary smart contracts (tools: Solidity, Truffle Framework, Ganache, Web3.js, Web3.py).
 - Developed secure cryptographic key generation for IoT devices and interacted with REST APIs in Python.
 - Managed and set up server for prototyping and local network deployment.
- Founder* January 2017-Present
ThessSec, Thessaloniki Greece <https://github.com/ThessSec>
- Organize bi-weekly meetups on information security
 - Educate attendees by discussions, presentations and interactive workshops
 - Propagate the importance of privacy and security to our local peers
- Co-Founder — Software Engineering* February 2016 - September 2016
Project M.A.R.T.I.S., Thessaloniki Greece
- Created a wearable device and an Android application, which communicate via Bluetooth, that informs the user on possible dehydration, overexposure to the sun and fever through sensors connected to an Arduino board.
 - Our team qualified to the finals of the panhellenic ECE students conference (ECESCON) Hackathon
- OTHER**
- Professional:** Writing on security and blockchain at <https://medium.com/@gakonst>, IEEE Member & Event Organizer, attending conferences and local meetups whenever possible.
- Misc. Interests:** Autonomous Vehicles, Cybersecurity and Privacy, Blockchain, Internet of Things, Wearables, Boxing, Blues Guitar
- MOOCs:** Cryptography I, Machine Learning by Stanford University, Using Python for Research by Harvard University
- Languages:** Greek, English, Japanese, French