

Georgios A. Konstantopoulos

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EDUCATION	<i>M.Eng. Electrical and Computer Engineering</i> , 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	<div><div><i>Researcher and Technical Writer</i> Loom Network <ul style="list-style-type: none">Performing research on Blockchain scalability.Writing articles on blockchain fundamentals, security and scalability.</div><div>October 2017-Present https://loomx.io</div></div> <div><div><i>Software Engineering Intern</i> Honda R&D Germany <ul style="list-style-type: none">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.</div><div>July 2017-December 2017 http://www.honda.de</div></div> <div><div><i>Founder</i> ThessSec, Thessaloniki Greece <ul style="list-style-type: none">Organize bi-weekly meetups on information securityEducate attendees by discussions, presentations and interactive workshopsPropagate the importance of privacy and security to our local peers</div><div>January 2017-Present https://github.com/ThessSec</div></div> <div><div><i>Co-Founder / Software Engineering</i> Project M.A.R.T.I.S., Thessaloniki Greece <ul style="list-style-type: none">Created a wearable device and an Android application, which communicate v 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</div><div>February 2016 - September 2016</div></div>
OTHER	Professional: Writing on security and blockchain at https://medium.com/@gakonst (Top writer in Bitcoin), 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