

# Christos Nasikas

christosnasikas.com

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## EXPERIENCE

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- **Software Engineer: Blockchain Researcher** May 2017 - Present  
*"Athena" Research and Innovation Center*  
*Athens, Greece*
- **Teaching Assistant: Blockchain Course** Feb. 2019 - Jun. 2019  
*University of Athens*  
*Athens, Greece*
- **Software Engineer** May 2018 - Oct. 2018  
*SignedBlock*  
*Athens, Greece*
- **Full Stack Web Developer** Apr. 2013 - Sep. 2016  
*Freelancer*  
*Athens, Greece*
- **Internship** Nov. 2008 - Feb. 2009  
*National Bank of Greece*  
*Athens, Greece*

## EDUCATION

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- **Master of Science in Theoretical Computer Science** Sep. 2015 - May. 2018  
*National and Kapodistrian University of Athens*  
*Athens, Greece*
- **Bachelor of Science in Computer Science** Sep. 2004 - Sep. 2010  
*University of Piraeus*  
*Athens, Greece*

## PUBLICATIONS

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- **Cryptocurrency Egalitarianism: A Quantitative Approach:** Karakostas D, Kiayias A, Nasikas A, Zindros D. Tokenomics '19.

## PROJECTS

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- **Accountable and privacy preserving data processing via distributed ledgers:** Researched and implemented an open source software library for accountable and privacy preserving data processing via distributed ledgers. It uses zkSNARKs to provide proofs of correctness of computation which in turn can be verified with the use of smart contracts on the ledger.
- **Distributed privacy preserving analytics service:** Implemented a distributed service in which privacy preserving computations can be requested. The service consists of the following entities: coordinator, SMPC computation nodes and data providers. Implemented an importer to allow external data providers to import data to an SMPC cluster using the SCALE engine (SDPZ protocol) and implement privacy preserving algorithms with the use of MAMBA.
- **Member of Cryptolab and Athens Blockchain Technology Lab at University of Athens:** Supervisor: **Aggelos Kiayias.**
- **blockchain-course.org:** Open-source blockchain course web app. RESTful API created in Node.js. Web app created in React. Created assignments and teaching material.
- **Blockchain course at National Technical University of Athens:** Delivered lectures for the blockchain study group at NTUA.
- **Monero address generator:** A pure JavaScript tool for generating monero's stealth addresses. Build in Node.js.
- **Administrator panel:** A panel for organizing projects, logistics and contacts. Build with Laravel and React.

## PROGRAMMING SKILLS

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- **Languages:** Javascript, Solidity, Python, PHP, C++, Java.
- **Web:** HTML5, CCS3, SASS, React, Node.js, Bootstrap, WordPress, Laravel, web3.js, Truffle.
- **Technologies:** Git, NPM, Yarn, Webpack, RESTful WebServices, AJAX, Ethereum, Blockchain, LaTeX, Mocha, Chai, Docker.

## SPOKEN LANGUAGES

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- English (Professional working proficiency), Spanish (Professional working proficiency), Greek (Native)