Stelios Daveas

Email: sdaveas@gmail.com
LinkedIn: sdaveas
GitHub: github.com/sdaveas

EDUCATION

University of Athens — Athens
M.S. in Computer Science — 2017–2020
- Thesis: "A Gas-Efficient Superlight Bitcoin Client in Solidity"

University of Athens — Athens
B.S. in Computer Science — 2009–2015
- Thesis: "Experimental Research on Apache Kafka Performance"

EXPERIENCE

National Centre for Scientific Research "Demokritos" — Athens
Software Engineer — 2016–now
- [C++] Development of high-performance code, codebase maintenance, migration from C++03 to C++17 standard
- [LUA] Scripting and implementation of bindings for C++
- [Design] Design of system architecture
- [Docker] Build of containerized services
- [Systems Administration] Linux server setup and maintenance

University of Athens - Decrypto lab — Athens
Software Engineer — 2019–2020
- [Solidity] Implementation of gas-efficient smart contracts
- [Python] Implementation of development environment for Solidity smart contracts
- [Authoring] *A Gas-Efficient Superlight Bitcoin client in Solidity* paper, published at AFT 2020

SKILLS

- **Programming languages:** C++/14/17, C, Solidity, Python, LUA, Java, Bash Scripting, Latex, Matlab
- **Development:** object-oriented programming, data-oriented programming, parallel programming, network programming, smart contracts
- **Databases:** PostgreSQL, MySQL, MariaDB, MongoDB
- **Operating Systems and Environments:** Linux/Unix, Vim, Git, Tmux, Docker, Windows

PUBLICATIONS

[1] **S. Daveas**, K. Karantias, A. Kiayias, and D. Zindros, "A gas-efficient superlight bitcoin client in solidity", in *Proceedings of the 2nd ACM Conference on Advances in Financial Technologies, AFT 2020, New York, NY, USA, October 21-23, 2020*, ACM, 2020.

[2] G. Bouritsas, **S. Daveas**, A. Danelakis, and S. C. Thomopoulos, "Automated real-time anomaly detection in human trajectories using sequence to sequence networks", in *2019 16th IEEE International Conference on Advanced Video and Signal Based Surveillance (AVSS)*, IEEE, 2019, pp. 1–8.

Languages

- **Greek:** Mother tongue
- **English:** B2 Certificate
- **German:** B1 Certificate

Extracurricular Activities

- Rock climbing, playing music