Stefanos Georgiou

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About me: I am passionate with coding, performing experimental
studies, learning and combining new technologies. On free time I enjoy
sporting, reading books, and going crazy for travelling and food.

Education

2016-2019 (expected)	**PhD, Management Science and Technology; Athens University of Economics and Business**
	Thesis title: Energy and Performance Implications for Software Development Practices
	PhD advisors: Prof. Diomidis Spinellis and Prof. Panos Louridas
2013-2015	**MSc, Pervasive Computing and Communications for Sustainable Development (PERCCOM); Erasmus Mundus Joint Master Degree**
	ITMO University of Saint-Petersburg (Russia) Thesis title: Implementating Green IT Approach for Transferring Big Data over Parallel Data Links; Thesis
	Lulea University of Technology (Sweden) Semester 3: Resource Efficient Pervasive Computing Systems and Communications Degree
	Lappeenranta University of Technology (Finland) Semester 2: Smart Software and Services Degree
	Unversity of Lorraine (France) Semester 1: Sustainable Computer Network Engineering Degree
2008-2013	**BSc, Networks and Systems Programming; University of Cyprus**
	Thesis title: Implementation and Evaluation of the Biologically – Inspired AntHocNet Routing Protocol in Sensor Network; Degree Thesis

Teaching experience

Teaching and tutoring:

Assisting my PhD advisor at Programming II course (Winter Semester of 2016, 2017, and 2018) at AUEB. Main responsibilities are giving tutorial and Lab sessions, guiding students on team assignments and preparing presentations.

Gave lectures and tutorials for 1st and 2nd Coding Boot Camp in Athens, Greece (Oct. 2017 - May 2018) Repository Proof

Research Publications

- Conference Papers
  - Stefanos Georgiou and Diomidis Spinellis. Energy-Delay Investigation of Remote Inter-Process Communication Technologies. In IPCCC 2018 [To be submitted for review on 3rd of August 2018]

- Stefanos Georgiou, Maria Kechagia Panos Louridas, and Diomidis Spinellis. What Are Your Programming Language's Energy-Delay Implications? In 15th International Conference on Mining Software Repositories: Technical Track, MSR '18. New York, NY, USA, May 2018. Association for Computing Machinery. [Paper] [BibTex] [Presentation] [Data-set]
- Stefanos Georgiou, Maria Kechagia, and Diomidis Spinellis. Analyzing Programming Languages' Energy Consumption: An Empirical Study. In PCI 2017: Proceedings of the 21st Pan-Hellenic Conference on Informatics, ACM International Conference Proceeding Series. ACM Press, September 2017. [Paper] [BibTex] [Presentation] [Data-Set]
- Jounral Articles
  - Stefanos Georgiou, Stamatia Rizou, and Diomidis Spinellis. Software Development Life Cycle for Energy-Efficiency: Techniques and Tools. In ACM Computing Surveys [Going through major revision Sept. 2018]

━━━━━━ Invited Talks

Tutorials	Travis CI with CV template tutorial presented on 7th of June 2018 at ITMO Univesity of Saint Petersburg for PERCCOM Master students in Saint-Petersburg, Russia. Presentation
Research	What are your programming language's energy-delay implications? presented on 12th of June 2018 at PERCCOM's Summer School in Lappeenranta, Finland. Proof

━━━━━━ Industrial experience

Jan 2019-currently	Back-end developer, DevOps, and Integrations; AllCanCode Inc. Greek Branch
	Developing in node.js, integrating new technologies to the copmanies development flow, and setting up the development process.
Jan 2016 - 2019	Proposals writing: Assisting Singular Logic's European Project Department for writing proposals and participating in project's telco meetings.

━━━━━━ Technical Experience

Knowledge	Programming Languages: Bash, JavaScript (NodeJS), Java, Python, C, and C++
	Tools and Practices: GitHub (Travis CI, Coveralls, maven-plugins, GH-pages), GitLab (CI/CD, integration with Gcloud engine), Java plugings (Code Quality Check, maven-docker, JDBC, Reports, JUnit, JNI), Python (Pandas framework, Unit test,statistics, matplotlib, seaborn), NodeJS (KOA, Mocha-chai testing, Native Addons)
Projects	Measuring Energy Consumption: Software and Hardware tools
	Programming II website: Repository
	Rosetta Code Experiement: Repository
	Validate Links: Repository

GitHub Calendar

Crunching @IonicaBizau's contributions just for you.

- Grands and awards:
  - Best paper award from the 15th Annual DMST Student Conference (2018)
  - Marie Skłodowska-Curie funds, SENECA (2016-2019)
  - Erasmus Mundus Masters Scholarship, PERCCOM (2013-2015)
- Human Languages:
  - Greek/Hungarian (Native speaker)
  - English (Fluent speaker)
  - Russian/France (Basic knowledge)
- Living Abroad:
  - Born in Gyula, Hungary but grown up in Nicosia, Cyprus.
  - Ate baguettes and drunk wine in Lorraine, France (Fall Semester of 2013)
  - Took many sauna sessions in Lappeenranta, Finland (Spring Semester of 2014)
  - Fished beers from ice-cold lakes in Lulea, Sweden (Fall Semeseter of 2014)
  - Drunk vodka and ate borsh in Saint-Petersburg, Russia (Spring Semester of 2015)
  - Teaching in Athens and visiting islands in Greece (Fall Semester of 2016 till now)
  - Visited Delft, the Netherlands for my PhD secondment (Half month of Sept. 2017)