



Antonis Gkortzis

Email: antonis.gkortzis@gmail.com

Github: github.com/AntonisGkortzis

Nationality: Greek

LinkedIn: Antonis Gkortzis

WORKING EXPERIENCE

Borocard

04/2021-04/2023

Backend Developer

- Design and implementation of a REST API with Node.js and Express for a fintech application
- Integration of third party services, such as, Belvo, Stripe and Conekta
- Basic mobile applications development with Kotlin and Android Studio

AUEB - Cerved

03/2019-03/2021

Database Analyst – Backend Developer

Project: “Real Estate Analytics”, an R&D collaboration project between the Athens University of Economics and Business and Cerved property agency

Responsibilities: Systems and data analysis, design and implementation of a data warehouse and the corresponding Extraction-Transformations-Loading processes with Spring Boot and Microsoft SQL Server

PeopleCert

2016-2017

Computer Programming Instructor

Organization: Coding Bootcamp by Hellenic Professionals Informatics Society

Topics taught: Object-Orientation, Java Collections, Web Programming, Security in Web Applications, Web Servers configuration and maintenance

SingularLogic

01/2016-12/2018

Software Analyst

- Engaged in the process of preparing proposals for research and development funding programs at the national and European levels
- Performed systems analysis as part of the PhD studies

EDUCATION

PhD

2016-Today

Athens University of Economics and Business, Greece Management Science and Technology

Research Field: Software Engineering, Security, Open-Source, Software Quality Assurance and Code Analysis

Master

2013-2015

University of Groningen, Netherlands Computer Science – Software Engineering and Distributed Systems

Indicative Courses: Software Architecture, Web & Cloud Computing, Software Patterns, Software Maintenance & Evolution, Distributed Systems, Sustainable and Integrated Information Systems, Systems Engineering, Business Intelligence

Bachelor

2005 - 2012

Technological Educational Institute of Thessaloniki, Greece Department of Information Technology, Information Technology Engineering

Certificates: Holder of the Interconnecting Cisco Networking Devices Part 1 (ICND1) certificate

Grade: 7,86 / 10 (Graduated 2nd in class)

TEACHING EXPERIENCE

Athens University of Economics and Business, Greece, 2017–2021

Lab Instructor in Software Engineering in Practice major course

- Prepare and deliver topics related to: Code versioning systems, Build automation tools, Software testing, Design patterns, Code quality, Continuous integration / Continuous Deployment
- Prepare, assign and assess assignments related to the aforementioned topics

Athens University of Economics and Business, Greece, 2017

Lab Instructor in Reliable and Secure Software Development elective course

- Prepare and deliver topics related to: SQL injections, Buffer overflow attacks, XSS and CSRF attacks, Penetration testing
- Prepare, assign and assess assignments related to the aforementioned topics

University of Groningen, Netherlands, 2014–2015

Teaching Assistant in Computers Science Bachelor and Master courses

- Coaching groups in Software Architecture (master course) assignments
- Coaching groups in Software Patterns (master course) assignments
- Lab instructor in Imperative Programming with C (bachelor course)
- Coaching groups in Software Engineering (bachelor course) large-scale assignments

SKILLS

Languages: Greek (native speaker), English (C2)

Programming Languages

- **Proficient:** Java, Javascript, Python, SQL
- **Experienced:** Typescript, C#, C
- **Basic:** C++, Kotlin, React Native

Tools and Frameworks: Git (and GitHub / GitLab), Docker, Node.js, Express, NestJS, Spring Boot, Flask, Django, Android Studio, Visual Studio, PowerBI, SQL server, Postgres, MongoDB, Mongoose, LaTeX

PUBLICATIONS

A. Gkortzis, D. Feitosa, D. Spinellis, "Software reuse cuts both ways: An empirical analysis of its relationship with security vulnerabilities", 2021, Journal of Systems and Software

A. Gkortzis, D. Mitropoulos, D. Spinellis, "VulinOSS: a dataset of security vulnerabilities in open-source systems", 15th International Conference on Mining Software Repositories: Data Showcase Track, 2018, Gothenburg, Sweden, **best dataset paper award**

A. Ampatzoglou, A. Gkortzis, S. Charalampidou, P. Avgeriou, "An Embedded Multiple-Case Study on OSS Design Quality Assessment across Domains", 2013, ACM / Empirical Software Engineering and Measurement

A. Ampatzoglou, A. Gkortzis, I. Deligiannis, I. Stamelos "A Methodology on Extracting Reusable Software Candidate Components from Open Source Games", 5th MindTREK Conference, ACM, Oct. 2012, Finland

SCHOLARSHIPS

Marie Skłodowska-Curie fellow, participating in the Software Engineering in Enterprise Cloud Applications (SENECA) EU funded European project (2016-2018)