Georgios Liargkovas

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Education

Athens University of Economics and Business (AUEB)   *Athens, Greece*
BSc in Management Science & Technology
(4-year degree; 246 ECTS) Expected graduation: Feb. 2023   *Sept. 2018 - Present*
- **Current Grade:** 9.34/10 *(currently top 1% among graduate class of 180 students)*
- **Concentration:** Software Technologies and Data Analysis
- **Notable courses:** Programming II (Advanced Java Programming), Algorithms and Data Structures, Compilers, Software Verification and Validation, Information Systems Architecture and Design, Applied Machine Learning, Databases, Big Data Management Systems

Costeas Geitonas School (CGS)   *Athens, Greece*
High School Diploma   *Sept. 2015 - June 2018*
- **Grade:** 19.8/20 *(first among graduate class of 22 students)*
- **Concentration:** Economics and Information Technology
- **Nationwide University Entrance Examination score:** 17.996 / 20.000 *(top 2% nationwide)*

Research and Work Experience

Brown University   *Providence, RI, United States*
Research Affiliate   *Oct. 2022 - Present*
- Worked on PaSh project, doing research and providing codebase enhancements.
- **Technologies & tools used:** Python, Shell scripting (bash/zsh), Docker
- **Research supervisor:** Prof. Nikos Vasilakis

Athens University of Economics and Business, BALab, AUEB   *Athens, Greece*
Junior Researcher   *Mar. 2020 - Present*
- Carried out research about the gap between software practitioners' education and industry demands, which resulted in a publication.
- Currently working on project with title: "Empirical evaluation of false positive static analysis reports".
- Currently assisting in research about "Empirical Investigation of Boilerplate Code".
- **Research supervisor:** Prof. Diomidis Spinellis

Ubitech Ltd.   *Athens, Greece*
Software Engineering Intern   *Mar. 2022 - June 2022*
- Implementation of backend sections and frontend of a Content Management Software (CMS) for Heraklion Archaeological Museum.
- Implementation of front-end sections for internal e-commerce project.
- **Technologies & tools used:** Java (Quarkus), Docker, Javascript (React, Vue.js), Figma

Teaching Experience

Athens University of Economics and Business   *Athens, Greece*
Introduction to Computer Science *(Undergraduate Level)*   *Sept. 2021 - Feb. 2022*
- **Role:** Lead Teaching Assistant (TA)
- Undergraduate Level, 1st year, Students: 180
- Responsible for overall course organization, course lectures, course labs, students' individual assignments, and course assessment. Lectured on a weekly basis.

Athens University of Economics and Business   *Athens, Greece*
Software Engineering in Practice *(Undergraduate Level)*   *Mar. 2022 - Jun. 2022*
- **Role:** Teaching Assistant (TA)
- Undergraduate Level, 3rd year, Students: 50
- Assisted in course assignment evaluation, providing feedback on individual students' assignments.

Publications

- **Liargkovas Georgios**, Papadopoulou Angeliki, Kotti Zoe, & Spinellis Diomidis, **"Software Engineering Education Knowledge Versus Industrial Needs"** (*IEEE Transactions on Education*, 2021) (link)

Volunteering Experience

International Conference of Software Engineering '22 (ICSE '22)   *Pittsburgh, PA, USA*
Student Volunteer   *May 2022*
- In-person conference support on multiple conference sessions.
- Remote conference support on online sessions.

ESEC/FSE '22 Conference   *Athens, Greece (Remote)*
Student Volunteer   *May 2022*
- Remote conference support on online sessions.

JabRef   *Germany (Remote)*
Open-Source Software Contributor   *June 2021*
- Designed and expanded functionality for file import dialog windows (link)
- **Technologies & tools used:** Java (JDK 15, JavaFX)

Student Conference of Management Science & Technology, AUEB   *Athens, Greece*
Organizing Committee Member   *Oct. 2018 - May. 2019*
- Responsible for contacting conference speakers and social media content creation for the 16th and 17th Student Conference of Management Science & Technology.

ELOI Educational Lab, AUEB   *Athens, Greece*
Lab Assistant   *Sept. 2018 - Feb. 2019*
- Responsible for the operation and security of the lab during after hours, twice a week

Skills

Programming	C, HTML/CSS, JSP, JavaScript (React), MATLAB, Python (Pandas, NumPy, Scikit-learn, Keras, NetworkX, etc.), SQL, Shell scriptng, Java (Core, Quarkus)
Miscellaneous	Apache Hadoop, Git, LaTeX, MSSQL Server, Microsoft Office (ECDL Core), MySQL, Neo4J, PowerBI, Redis, SPSS, Shell (Bash/Zsh)
Soft Skills	Time Management, Problem-solving, Teaching Skills, Documentation

Honors and Awards

2022	**Research Scholarship Award,** Athens University of Economics and Business	*Athens, Greece*
2022	**ACM SIGSOFT CAPS Grant,** ICSE 2022	*Pittsburgh, PA, USA*
2022	**ACM SIGSOFT Support Grant,** Student Mentoring Workshop, ICSE 2022	*Pittsburgh, PA, USA*
2022	**Academic Award,** Athens University of Economics and Business	*Athens, Greece*
2018	**Academic Scholarship Award,** Costeas Geitonas School (CGS)	*Athens, Greece*

Languages

English	Fluent - C2
French	Intermediate - B2
Greek	Native

References available upon request.