

# Georgios Liargkovas

29, Patroklou, Vrilissia, 15235, Attica, Greece

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## Education

### Athens University of Economics and Business (AUEB)

Athens, Greece

BSc in Management Science & Technology

Sept. 2018 - Present

(4-year degree; 246 ECTS) Expected graduation: Mar. 2023

- **Current Grade:** 9.37/10 (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

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

## Work Under Review

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- Liargkovas Georgios, Konstantinos Kallas, Michael Greenberg & Nikos Vasilakis, “Executing Shell Scripts in the Wrong Order, Correctly” Submitted on: *19th Workshop on Hot Topics in Operating Systems (HotOS XIX)*, Providence, RI, USA, 2023

## Volunteering Experience

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### 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

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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, L <sup>A</sup> T <sub>E</sub> X, MSSQL Server, Microsoft Office (ECDL Core), MySQL, Neo4J, PowerBI, Redis, SPSS, Shell (Bash/Zsh)

## Honors and Awards

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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

## Societies & Affiliations

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2022 -	Member, ACM SIGSOFT	New York, NY, USA
2022 -	Member, MIT Hellenic Students' Association	Boston, MA, USA

## Languages

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English	Fluent - C2
French	Intermediate - B2
Greek	Native

References available upon request.