

School Address

Department of Applied Informatics
University of Macedonia
156 Egnatia Str.
546 36 Thessaloniki, Greece

Email: achat@uom.edu.gr

URL: https://sites.uom.gr/achat/public_html/

Position

Professor of Software Engineering – Object Oriented Design at the Department of Applied Informatics, University of Macedonia

Administrative Experience

former Vice Rector of Extroversion & International Relations (Jul. 2023-Aug.2026)
former Dean of the School of Information Sciences (Dec. 2017 – Jun. 2023)

Education**Aristotle University of Thessaloniki, Greece, 2000**

PhD degree in Computer Science, May 1997 - June 2000, Grade: “Excellent”.

Aristotle University of Thessaloniki, Greece, 1996

Diploma in Electrical Engineering (5 year course), September 1991 – July 1996,
GPA: 8.28/10.0, Rank: 2nd.

14th High school, Thessaloniki, Greece

Graduated Cum Laude, June 1991.

Entered after successful Panhellenic Examinations in the Department of Electrical Engineering, Aristotle University of Thessaloniki. Rank: 4th.

Research Experience (indicative)

1/9/2025-31/10/2028: Head of the University of Macedonia team in project funded by the European Commission, HORIZON-INFRA-2024-EOSC-01-05, titled “**RAISE Suite: FAIR data from collection to exploitation**”, Total Budget: €6,999,213.75.

1/10/2022-31/1/2026: Head of the University of Macedonia team in project funded by the European Commission, HORIZON-INFRA-2021-EOSC-01, titled “**RAISE: Research Analysis Identifier SystEm**”. Total Budget: €4,836,125.00.

1/1/2018-31/12/2020: Head of the University of Macedonia team in project funded by the European Commission, H2020, ICT-05-2017, RIA Action titled: “**SDK4ED:Software Development toolKit for Energy optimization and technical Debt elimination**”. Total budget: €4,325,918.75

5/2018-4/2021: Head of the University of Macedonia team in project funded by the European Commission, H2020-FETHPC-2017 titled: “**EXA2PRO: Enhancing Programmability and boosting Performance Portability for Exascale Computing Systems**”. Total budget: €3,475,222.5

1/1/2020-31/12/2022: Key Researcher in project funded by the European Commission, H2020 ICT-15-2019-2020, titled: “**SmartCLIDE: Smart Cloud Integrated Development Environment supporting the full-stack implementation, composition and deployment of data-centered services and applications in the cloud**”. Total budget: €4,935,381.25

5/2018-4/2021: Head of the University of Macedonia team (in the context of a collaboration with Aristotle University of Thessaloniki) in project funded by Greek national funds titled: “**WMS&AR: Innovative services in Warehouse Management Systems with Visual Positioning Systems, Visual Measurement and Augment Reality**”. Total budget: €711,000

Teaching Experience*Undergraduate Courses:*

Department of Applied Informatics, University of Macedonia
Software Engineering
Object-Oriented Programming
Procedural Programming
Algorithms
Introduction to Computer Science
Computer Organization

Postgraduate Courses:

Advanced Software Engineering / Systems Software Engineering
Object-Oriented Software Development
Computational Thinking and Software
Object-Oriented Programming with C++

Hellenic Open University

Software Design and Management

**Honors &
Awards
(indicative)**

Ranked within the **top 2% of most cited scientists** worldwide within their main subfield discipline according to career-long citation impact. Based on: Jeroen Baas. (2022). September 2022 data-update for “Updated science-wide author databases of standardized citation indicators” [Data set] Elsevier BV. <https://doi.org/10.17632/BTCHXKTZYW.4>

Editor of the year 2020, Journal of Systems and Software

Ranked within the **top 2% of most cited scientists** worldwide within their main subfield discipline according to the citation impact during 2019. Based on: Ioannidis JPA, Boyack KW, Baas J (2020) Updated science-wide author databases of standardized citation indicators. PLoS Biol 18(10): e3000918. <https://lnkd.in/e7TVe5Y>

Ranked among the **15 top scholars** in the field of systems and software engineering, according to the annual assessment of software engineering scholars and institutions for the period 2003-2007, published in the Journal of Systems and Software. doi:10.1016/j.jss.2010.09.036

Excellence in Teaching Award for four consecutive years (2018, 2019, 2020, 2021, 2022) in the Postgraduate Program on Applied Informatics at the University of Macedonia.

QUATIC'2020 Most Influential Paper Award for paper "Investigating the Evolution of Bad Smells in Object-Oriented Code", presented at the 7th Int. Conf. on the Quality of Information and Communications Technology 2010

IEEE TCSE Most Influential Paper (MIP) award by SANER'2019 for the CSMR 2009 paper entitled “Identification of Extract Method Refactoring Opportunities”.

Special Recognition Award for an Influential Tool at SANER 2018 (25th IEEE Int. Conference on Software Analysis, Evolution and Reengineering). Citation of award: "The special recognition award recognizes JDeodorant as one of the leading and most widely used tools for code refactoring".

Keynote Speaker, 45th Euromicro Conference on Software Engineering and Advanced Applications (SEAA), Kallithea-Chalkidiki, Greece, August 28-30, 2019. “Cross-disciplinary Approaches in Technical Debt Management”

Keynote Speaker, 7th workshop on Software Quality Analysis, Monitoring, Improvement, and Applications (SQAMIA), Novi Sad, Serbia, August 27-30, 2018, “Technical Debt: The metaphor, the challenges and the opportunities”

1st prize, ‘Cooperate’ competition in the context of Technology Forum 2016. Collaboration of the Software Engineering team of the University of Macedonia and Yummy Software for Yummy Wallet – ewallet and loyalty system, Thessaloniki, May, 18, 2016

Publications: <https://users.uom.gr/~achat/#publications>

Citations: Google Scholar: **8759 citations** (h-index 46), Sept. 2, 2026
<https://scholar.google.gr/citations?user=D4ixXl8AAAAJ&hl=el&oi=ao>