

Charisis Skordas

 +30 6944-2844-26  harris.skordas58@gmail.com  Charisis Skordas  Harris Skordas

Profile

My journey as a 24-year-old began with an Erasmus semester in Germany, where I gained valuable international experience and deepened my passion for computer science. My last working experience was as a **Full Stack Developer**, applying my skills in creating dynamic and engaging user experiences. Currently, I work as a **Data Analyst** in Greek Army, fulfilling my military obligations.

Education

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| M.Eng in Data Science and Machine Learning <i>National Technical University of Athens</i> | Ongoing Athens, Greece |
| B.Sc in Informatics and Telecommunications <i>National and Kapodistrian University of Athens</i> | 2020 - 2024 Athens, Greece |
| <ul style="list-style-type: none">Relevant Coursework: Software Development for Algorithmic Problems, Data Structures and Algorithms, System Programming, Operating Systems, DBMS, Human-Computer Interaction, Compilers, Calculus II, Discrete Mathematics, Project Management, Entrepreneurship | |
| BSc in Computer Science (ERASMUS+) <i>University of Koblenz and Landau</i> | April - September 2023 Koblenz, Germany |
| <ul style="list-style-type: none">Relevant Coursework: Java EE Web Applications, Security in Networked Systems, Programming Language Theory | |

Working Experience

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| Jr. Data Analyst <i>Hellenic Army General Staff</i> | Ongoing Athens, Greece |
| <ul style="list-style-type: none">Performed data collection and cleaning from SQL databases, APIs, and spreadsheets to ensure optimal datasets for analysis.Conducted statistical analysis and created visualizations, using Excel and Power BI. | |
| Jr. Full-Stack Developer <i>ITML IKE</i> | May - November 2024 Athens, Greece |
| <ul style="list-style-type: none">Collaborated with back-end developers to integrate APIs and ensure seamless data flow and efficient rendering in the front-end application.Participated in code reviews and team meetings, providing input and learning best practices for modern web development, including React.js, Next.js and Typescript.Implemented interactive features and dynamic content using Next.js and React, enhancing user engagement and application functionality.Assisted in developing and maintaining the front-end architecture by optimizing components for performance and scalability, contributing to the overall project efficiency. | |

Projects

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| Cataschevastika Python, SQL, Power BI, Azure Databases, Databricks |
| <ul style="list-style-type: none">It was the final project for the Data Engineering Lab course, conducted by Titan America and ReGeneration.The project involved setting up and deploying a data lake infrastructure using Databricks, implementing analytics for sales decision-making with a data warehouse, and enhancing business insights through Power BI visualizations and reports. |
| Point Set Polygonization CGAL C++, CGAL Library, Python, Git |
| <ul style="list-style-type: none">In this project, we compare various algorithms for calculating the area of a polygon, including optimal local search, optimal simulated annealing, incremental, onion method and other well-known methods, to determine the most efficient and effective approach.We've visualized these algorithms, using Python, to make them easier to understand and experiment with. |

See more of my projects in my [github account](#) | Harris Skordas

Workshops and Certificates

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| Machine Learning <i>University of Patras</i> | July - December 2024 200 hours |
| • Developed and implemented programs for Regression and addressed various Classification problems. • Expanded knowledge of advanced Machine Learning topics, including Non-Linear Methods, Support Vector Machines, and Unsupervised Learning. | |
| Data Engineering Lab <i>powered by Titan America and ReGeneration</i> | April - June 2024 100 hours |
| • Learned best practises for handling distributed and big data systems. • Designed and integrated data warehouses for streamlined data management. • Implemented cloud platform integration and developed data visualization strategies. • Contributed to the final project to architect a data warehouse and create interactive visualizations using Power-BI. | |
| Web Developer <i>University of Athens</i> | January - July 2024 228 hours |
| • Developed dynamic web applications using JavaScript and jQuery. • Learned to implement asynchronous data retrieval and updates with AJAX methods. • Had a first touch with graphic designs and layouts using Adobe Photoshop and InDesign. • Built websites utilizing Dreamweaver and Joomla. | |
| Back End Developer <i>University of Athens</i> | January - July 2024 157 hours |
| • Expanded my knowledge in both relational (MySQL) and non-relational (NoSQL) databases. • Used document-based MongoDB for efficient data management and retrieval. • Developed mini-projects with Python Django and tested APIs using Postman. | |

Technical Skills

Languages: C2 Level Michigan-ECPE, Goethe-Zertifikat A2

Programming Languages: Typescript, Java, Python, C, C++, SQL, Javascript, PHP

Technologies: Springboot, React.js, Next.js, Django, jQuery, Bootstrap/Tailwind, MySQL, NoSQL(MongoDB), Git, Docker

Concepts: Full Stack Developer, Agile Methodology, Compilers, Operating Systems, Database Design and Implementation