David Constantin

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EDUCATION

Eindhoven University of Technology   Eindhoven, Netherlands
Bachelor of Engineering   Sep 2020 - Jul 2024
Major in Computer Science and Engineering

International Computer High School of Bucharest   Bucharest, Romania
High School Diploma   Sep 2016 - Jul 2020

WORK EXPERIENCE

Webador, Jouwweb   Eindhoven, Netherlands
Back-end Software Developer   Oct 2022 – Jul 2024
- Helped in the localization, actualization and refactoring of a large monolithic code-base.
- Implemented new features, bug fixes and tests for new functionality spanning internationalization, AI, security, back-end integration.
- Contributed in key processes as part of a large team of developers.

Promese Logistics   Eindhoven, Netherlands
Data Entry   Sep 2021 – Sep 2022

UNIVERSITY PROJECTS

Warehouse location tracker   May 2024
- Implemented AI driven solution for warehouse employee tracking for a Dutch logistics company. Improved the picking process while being assisted by indoor localization algorithms.
- Constructed warehouse logistics back-end with Admins, Pickers and support for the picking process.

Predictive Policing for the London Metropolitan Police   Apr 2023
- Designed and implemented ML algorithm for estimating the likelihood and amount of possible crime for the London borough of Barnet.
- Successfully utilized public available data and databases in order to construct an accurate model for crime propagation in Barnet alongside a police car distribution algorithm.

ADDITIONAL

Technical Skills: Advanced in SQL, PHP, Javascript, HTML/CSS, Python, Proficient in Java, C#, C, Intermediate in C++
Frameworks: Laravel, Symfony, Laminas, Django, MS SQL, React, ASP.net
Languages: Fluent in English and Romanian, Intermediate: Turkish, Beginner: Dutch