Magali Courté

Software Developer and Designer specialized in Python applications

I am deeply committed to pursuing a career in the field of data and software development. I believe that analyzing and interpreting data are key to making informed decisions and driving innovation. I am eager to explore various aspects of this field, including data analysis, machine learning, and data visualization.

Contact

Téléphone
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Email
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Location
📍 RENNES - Rennes

Education

Sep 2023 - Oct 2024
Python Software Developer Diploma (RNCP Level 6)
OpenClassrooms
2016
Civil Engineering and Public Works Engineering Degree
Ecole Centrale de Nantes
2012
DUT Génie-Civil
Civil Engineering Technology Diploma

Skills

Technical Skills
Programming: *Python*
Web Development: *HTML, CSS, basic knowledge of JavaScript*
Data Analysis: *Pandas, Numpy, Jupyter*
Software Design: *UML, software architecture*
Operating Systems: *Linux*

Soft-Skills :
Teamwork
Problem-solving
Adaptability
Analytical mindset
Continuous learning
GitHub:
https://github.com/mcourte

Languages

French : native

English: B2 Level (TOEIC: 885/990)

Hobbies

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Drawing and pastry-making
Volunteering
*Member of *Entourage*, an association that supports and connects with homeless individuals through community activities and events.*

Professional Experience

Oct 2019 - Apr 2023
Legendre Construction - *Rennes*

BIM Modeler
- Designed 3D models using REVIT software for structural and technical components.
- Specialized in buried network layouts, technical systems, and secondary work packages.
- Contributed to optimizing designs for structural efficiency and compliance with project requirements.

Fev 2017 - Oct 2019
Legendre Génie-Civil - *Rennes*

Civil Engineering Cost Estimation Engineer

- Analyzed tender documents and identified legal and technical risks.
- Prepared cost estimates for structural works and secondary packages.
- Consulted subcontractors, conducted comparative analysis of bids, and allocated human and material resources. - Assisted in the creation of detailed technical documentation to support project proposals.

Oct 2012 - Feb 2017
Spie Batignolles Ouest - *Nantes*

Intern and Apprentice Engineer (Oct 2012/Oct 2016)
Cost Estimation Engineer (Oct 2016 - Feb 2017)

- Analyzed tender documents and identified legal and technical risks.
- Prepared cost estimates for structural works and secondary packages.
- Consulted subcontractors, conducted comparative analysis of bids, and allocated human and material resources.
- Assisted in the creation of detailed technical documentation to support project proposals.

Final Year Project:
Developed a software tool to estimate potential savings and optimizations in thermal insulation for construction projects.

July - August 2013
Véolia Water - *Taumarunui - Nouvelle-Zélande*

International Internship

- Conducted safety audits in water treatment facilities.
- Developed Excel macros to facilitate laboratory results analysis.
- Performed water quality testing in a retention basin as part of an experimental campaign.