

Diogo Gonçalves Braz de Azevedo

Lisbon | 03.08.1993



Profile

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LinkedIn
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GrabCAD
<https://grabcad.com/diogo.goncalvez-1>

Skills

- C# *(.Net)
- Python
- JavaScript / TypeScript
- Parametric modeling (CAD 3D)
- Technical drawing

Softwares

- AutoCAD
- Civil3D
- Revit
- Solidworks
- Inventor

Language

English



Italian



EDUCATION and TRAINING

September 2018 – July 2019

Bachelor's Degree in Mechanical Engineering (Level 6)
(Completed up to the 4th semester)

Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa
Lisbon, Portugal

PROFESSIONAL EXPERIENCE

May 2024 – Present

BIM/CAD Technician

KEO International Consultants – Lisboa (Portugal)

- Civil 3D / AutoCAD / C# (.NET) / Dynamo
- Development of 3D models for hydraulic infrastructure
- Production and updating of drawings, longitudinal profiles, sections, and technical drawings from BIM models
- Support for clash detection processes and resolution in Navisworks, focused on hydraulic networks
- Preparation of annotated drawings with dimensions, tags, and notes according to project requirements and international standards
- Development of plugins, scripts, and automation tools (C# / .NET) to improve efficiency and reduce production errors

October 2022 – March 2024

BIM/CAD Technician

TPF – Consultores de Engenharia e Arquitetura S.A, Lisboa - (Portugal)

- AutoCAD / Revit / AutoLISP / C# (.NET)
- Production of 2D and 3D CAD drawings for hydraulic networks
- Creation of .NET and Dynamo scripts to improve design and project production performance
- Creation of Revit families

June 2022 – October 2022

Mechanical Designer

Mecanitor, Camarate – Loures(Portugal)

- SolidWorks / Inventor / AutoCAD
- Design of metal structures
- Programming of cutting and machining processes for metal sheets
- Programming of cutting and bending of tubes, rods, and angles
- Technical drawings according to company requirements

January 2021 – June 2022

Mechanical Designer

Rotomoldagem SA, Pinhal Novo–Setúbal (Portugal)

- SolidWorks / Inventor / AutoCAD
- Design of molds and metal support structures for rotational molding production
- Preparation of technical drawings according to company standards and ISO norms
- Definition of production processes, operation sequences, and the most efficient execution methods