

ABDULAZIZ BAHAGARI

Civil/Structural Engineer

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OBJECTIVE

A Civil/Structural engineering graduate with a strong academic background and project experience. Has a passion for learning and developing new skills, eager to apply engineering knowledge, problem solving abilities, and multilingual communication skills to contribute to impactful projects and grow within a dynamic team.

EDUCATION

BAHCESEHIR University Istanbul, Turkey
Bachelor's Degree in Civil Engineering (GPA: 3.4/4) / Minor in Management Engineering (GPA: 2.87/4) 2021 - 2025
Ranked 1st in the Civil Engineering Department - (6x high Honor Certificates - 3x Honor Certificates)

ALNAHDA International High School (98.75%) Istanbul, Turkey
Ranked 2nd in a competition between schools in Jeddah 2018 2020

WORK EXPERIENCE (INTERNSHIPS)

A. Q. AL RIZQI CO. FOR CONTRACTING Jeddah, KSA - Jan 2025
Worked on drainage systems implementation and supported civil infrastructure projects, performed site surveying tasks and assisted in field tasks. Gained hands-on experience in site management, documentation, and contractor coordination.

The Ministry Of Transportation And Infrastructure Istanbul, Turkey - Aug 2024
Worked in the Tersane Istanbul project. Supported the technical office in reviewing project plans and infrastructure documents. Learned about urban planning procedures and public infrastructure development. Gained understanding of all types of coast structures. helped in site management tasks.

Baaboud company Jeddah, KSA - Aug 2023
Applied academic knowledge to construction projects. Observed task distribution, team communication, and hierarchical workflow in the company. Learned about reporting processes.

Giad Hydraulic company Jeddah, KSA - Aug 2022
Observed the production and installation processes of hydraulic components used in civil engineering fields. assisted in quantity surveying tasks and technical documentation. Developed basic knowledge of mechanical systems in civil engineering contexts.

COURSES & CERTIFICATES

Engineering Courses (Bahcesehir University):

Design and construction of smart structures	2025
Environment and sustainable development	2025
PPP Mega projects	2024
Architecture course in disaster and development	2022

Construction management (Columbia University): 2024

Construction Project Management	
Construction Scheduling	
Construction Cost Estimating and Cost Control	
Construction Finance	
The Construction Industry: The Way Forward	

HR & Management Courses (University of Minnesota):

Recruiting, Hiring, and onboarding employees	2024
Preparing to manage human resources	2024
Managing employee performance	2024
Managing employee compensation	2024

HR & Management Courses (Macquarie University):

Organisational behaviour	2024
Organisational design	2024

Summits & Volunteering:

Participated in the 'AI Summit 2025'	Istanbul, Turkey - Apr 2025
Participated in the 'AI Summit 2024'	Istanbul, Turkey - Apr 2024
Skills and tools for launching voluntary initiatives	Jeddah, KSA - Jan 2018
Participated in Mobader forum for volunteer work	Jeddah, KSA - Jan 2018

PROJECTS

Graduation project in optimizing a mixture for a 3D printer in construction

Istanbul, Turkey - May 2025

Collaborated in a four person team, under supervision of the head of the Civil Engineering Department at BAU, We designed, developed and tested a sustainable mixture suitable for 3D printing, while focusing on achieving high structural integrity and workability.

Surveying project

Istanbul, Turkey - Apr 2022

Executed a full survey in Beşiktaş square, Istanbul using an electronic theodolite. Conducted angular corrections, azimuth and bearing calculations, and traverse adjustments. Calculated coordinates and land area using field data and traverse methods.

Earthquake Robot

Istanbul, Turkey - Apr 2024

Designed a search and rescue robot equipped with thermal cameras, LiDAR, acoustic sensors, mapping system and AI algorithms to identify survivors and assess structural safety post-earthquake. Focused on enhancing safety, autonomy, and real-time data transmission in disaster zones.

Refill for life, Recycle for tomorrow

Istanbul, Turkey - Apr 2025

Project that aimed at reducing plastic waste and increasing recycling materials at Bahçeşehir University. In alignment with SDGs 6, 11, 12, 13, and 14.

Cappac

Istanbul, Turkey - Apr 2025

Created an innovative product and set its pricing, distribution and advertising strategies, and the brand elements, including the digital marketing and promotional activities.

Smart Grocery Delivery & Meal Planning service

Istanbul, Turkey - Jan 2025

Co-developed an AI-powered mobile app for personalized grocery delivery and personalized meal planning. Designed features to optimize inventory, reduce food waste, and serve multiple target groups. Developed a business model plan and marketing strategy.

HR projects

Istanbul, Turkey - 2025

Analysis of HRM practices at Nafisa Shams Academy and OHNM Holding, including hiring practices and others.

Skills

Software programs: AutoCAD - MATLAB - Revit - MS Office - Slack - Trello - Excel

Programming language: Python

Soft skills: Ability to work under pressure - Fast learner - Strong communication skills - Detail-oriented - Strong time management and leadership skills. - Teamwork - Adaptability