

# Ekrem Arda Salıcıođlu



Route Planning and Highway Design Engineer | M.Sc. Candidate in Civil Engineering

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## PROFESSIONAL SUMMARY

I have a bachelor's degree in Civil Engineering from METU (CGPA 3.30) and am currently continuing my master's degree in the Transportation Engineering Department (CGPA 3.75). Since May 2024, I have been actively working on the geometric design of highways and connecting roads, drainage projects, and hydraulic engineering structures within YOLSİM Company. I aim to integrate my theoretical knowledge into field applications using advanced engineering software such as **MicroStation** and **InRoads**.

## WORK EXPERIENCE

**YOLSİM** | Ankara Route Planning and Highway Design Engineer

May 2024 – Present

- Carrying out horizontal and vertical geometric designs of highway projects in accordance with AASHTO and KGM standards.
- Designing drainage projects and culvert layouts in line with hydrological calculations by conducting basin area analyses.
- Creating road models, preparing cross-sections, and making quantity take-off calculations using **MicroStation** and **InRoads**.
- Contributing to the preparation of technical reporting and presentation files during project processes.

**TUBITAK PROJECT** | Ankara Intern Researcher (Part Time)

April 2023 – October 2023

- Participated in the project "Production of Substitute Material for Asphalt Cement from Ship-Generated Petroleum-Derived Waste".
- Conducted laboratory experiments, data analyses, and performance tests on the use of waste materials in bituminous binders.

**METU TRANSPORTATION LABORATORY** | Ankara Laboratory Intern

August 2023 – September 2023

- An active role was taken in the processes of conducting experiments and reporting the results (Marshall, Penetration, etc.) on soil mechanics and bituminous road materials.

**NATA HOLDING** | Ankara Field Intern (Vega Otonomi Project)

June 2022 – July 2022

- Supervised the superstructure manufacturing processes at the construction site, work follow-up, and preparation of daily field reports.

## EDUCATION

**MIDDLE EAST TECHNICAL UNIVERSITY (METU)** | Ankara

September 2024 – Present

Master's Degree, Civil Engineering (Transportation Branch)

- CGPA:** 3.67 / 4.00

**MIDDLE EAST TECHNICAL UNIVERSITY (METU)** | Ankara Bachelor's Degree,

2019 – 2024

Civil Engineering

- CGPA:** 3.30 / 4.00
- Achievements:** Bozlar Yapı Achievement Scholarship

## TECHNICAL ABILITIES

- Professional Software (Advanced):** MicroStation V8i, InRoads
- Professional Software (Basic/Intermediate):** OpenRoads Designer, SAP2000, Python, AutoCAD
- Office Tools:** Microsoft Office (Excel, Word, PowerPoint)
- Languages:** English (Full Professional Proficiency), Turkish (Native Language)