

MERT OYTUN

Los Angeles, CA 90007 ◊ +1 (213) 705-6334 ◊ mertoytun@gmail.com ◊ LINKEDIN: View Profile

EDUCATION

University of Southern California *Los Angeles, CA, USA*
Master of Science in Civil Engineering, CGPA: 4.00/4.00 *Aug 2022*
Specialization: MSCE Construction Engineering

- *Relevant Coursework: Construction Practices, Construction Business, Project Controls, Technology-enabled Architecture, Computing and Programming in Civil Engineering, Programming Systems Design, Database Systems, Analysis of Algorithms*

Middle East Technical University *Ankara, Turkey*
Master of Science in Civil Engineering, CGPA: 4.00/4.00 *Jan 2021*
Bachelor of Science in Civil Engineering, CGPA: 3.74/4.00 (1st/376) *June 2017*
Specialization: Construction Management and Engineering

- *Relevant Coursework: Building Information Modeling (BIM) and Industry Applications, Lean Construction Concepts and Methods, Sustainability and Life cycle Assessment of Civil Engineering Structures, Construction Risk Management, Advanced Construction Planning and Data Analysis*

Anadolu University *Jan 2019*
Bachelor of Science in Business Administration *Eskisehir, Turkey*

TECHNICAL SKILLS

Programming Languages Python, MATLAB, SQL, Java, C++, HTML, LATEX
Tools Primavera P6, 3DExperience - Catia - Delmia, MongoDB, Autodesk Revit - Navisworks, AutoCAD, Excel - VBA, Leica Cyclone - Register 360, ArcGIS, SAP 2000, PostgreSQL

PROFESSIONAL EXPERIENCE

Middle East Technical University, Civil Engineering Department *Jan 2020-Aug 2021*
Graduate Researcher & Teaching Assistant *Ankara, Turkey*

Devised and assigned course materials and prepared and administered quizzes and exams. Lead discussion on previously presented class materials. Conducted research on data visualization.

Teknoka Consultancy *Feb 2018-Dec 2019*
Planning Engineer *Ankara, Turkey*

Projects: (1) Kazma Military Camp Complex in Kuwait, and (2) Oksut Gold Mine Project in Turkey
Project Planning & Scheduling & Management: Designed coherent coding structures based on given bill of quantities (BOQ) and industry-related specifications. Performed ad-hoc Excel VBA solutions during raw data preparation to be leveraged in creating a construction schedule in Primavera P6.

Project Control & Monitoring & Reporting: Managed the Critical Path Method (CPM) project schedule and cost baselines. Practiced regular site visits and coordinated subcontractors. Designed and presented project progress reports to project control department and top management.

KASKTAS AS Piling & Drilling Co.Inc. *Jun 2016-Sept 2016*
Engineering Intern - Project (Design) Office *Istanbul, Turkey*

Explored in situ and laboratory testing performed in geotechnical engineering. Developed knowledge on foundation types and current design practices in state-of-the-art highrise buildings.

**ICA Ictas Construction
Engineering Intern - Construction Site**

Jun 2015-Sept 2015
Istanbul, Turkey

Developed insight into various aspects of construction based on on-site observations in the **3rd Bosphorus Bridge and Northern Marmara Highway Project**. Assisted resident engineers on preparing quantity and cost estimates, civil engineering drawings and graphs.

HONORS & AWARDS

Fulbright Scholarship, 2020 – U.S. Department of State

Academic Excellence Graduation Award, 2017 & 2021 – Middle East Technical University Civil Engineering Department

National Academic Scholarship, 2019-2021 – The Science and Technological Research Council of Turkey (TUBITAK)

MEMBERSHIPS

- American Society of Civil Engineers (**ASCE**)
- Association for Evaluation and Accreditation of Engineering Programs (**MUDEK**)
- The Union of Chambers of Turkish Engineers and Architects (**UCTEA**)

LEADERSHIP AND INVOLVEMENT

METU Maritime and Sailing Society, 2020 - 2021: Received theoretical training in the student community starting from the basics of sailing and extending to professional yachting in order to improve my amateur maritime skill set. Put my theoretical knowledge into practice and managed teams thanks to numerous sails in the Mediterranean sea with different crews.

METU Sub-Aqua Society, 2012 - 2021: Involved in the human and resource management of the student community in domestic and international organizations. Seeing the diving as a contributory tool to the research, introduction and protection of historical, cultural and natural values on the coasts and inland waters, participated in various projects on ecology, submerged or cave explorations.

METU Lifesaving and First Aid Society, 2012 - 2021: Played an active role in many different areas in intra-group organizational management. Over the years, had in-depth knowledge of lifesaving and first aid and well represented the student community and my university in collaborations with national and international organizations. Took an active role in providing in-group training and standardization of training contents.

PUBLICATIONS

- **Oytun, M.**, Atasoy, G. (2022). Analysis of accuracy in crack measurement using Terrestrial Laser Scanning (TLS).
- Borges Rodrigues, P., **Oytun, M.**, Adami, P., Singh, R., Woods, P.J., Becerik-Gerber, B., Lucas, G., Soibelman, L., Copur-Gencturk, Y. (2022) Human-Robot Interaction in Construction: Towards a Taxonomy for Collaborative Construction Tasks.
- **Oytun, M. (2021)**, Error quantification in crack measurement of building materials using terrestrial laser scanning (TLS) [**M.S. – Master of Science**]. Middle East Technical University.
- **Oytun, M.**, Bilginer, B.A., Atasoy, G. (2020) Assessing Existing Buildings for LEED Retrofit: Case Study of a University Building, 6th International Project and Construction Management Conference, Istanbul, Turkey.
- **Oytun, M. (2020)**, The advantages of Integrated Project Delivery (IPD) utilization in the construction industry compared to Traditional Project Delivery methods. English Language Institute. 125. <https://surface.syr.edu/eli/125>