

SENA CICEK

1374 Evansdale Drive, 26506-070, Morgantown, WV | (304) 293 76 80

EDUCATION

- West Virginia University, Morgantown, WV** Expected May 2020
Master of Science in Mining Engineering
• GPA: 3.84
- Middle East Technical University, Ankara, Turkey** June 2018
Bachelor Science in Mining Engineering
Area of Emphasis in Geotechnical Engineering in Civil Engineering Department
• Honor, GPA: 3.09 (ranking 7th among 72)

PROFESSIONAL EXPERIENCES

- West Virginia University, Morgantown, WV**
- Graduate Research Assistant, Mining Engineering Department** Aug. 2018-present
• Conducting a research on weak floor heave particularly in Illinois Basin coal mines and its long term stability to prevent possessing immediate danger due to unstable weak floor with the time
• Doing a research on developing a methodology for rating floor quality based on case studies around the United States coal mines
- Middle East Technical University, Ankara, Turkey**
- Student Assistant in Rock Mechanics, Mining Engineering Department** Sept. 2017-Feb.2018
• Studied concepts of stress and strain analysis, introductory elasticity, mechanical behavior of rock and rock masses, rock testing, discontinuity deformation and slip, in-situ state of stress, stresses around underground openings, rock mass classification, and support design
• Assisted in the preparation and organization of field trips, course assignments, and exams for 150 students
• Collaborated with the class professor in order to help students in their lectures, laboratories, field trips, and assignments
- Soil Mechanics Laboratory Assistant, Department of Civil Engineering** Aug. 2017-Sept. 2017
• Engaged in a research about probabilistic slope stability analysis based on correlation length
• Conducted a set of soil classification tests of a landslide region in Rize, Turkey in order to determine possible future risks
- Eti Maden Boron Mine Company - Eskişehir, Turkey**
- Mineral Processing Internship** July 2017-Aug. 2017
• Completed a rotational internship program tincal-type boron mine, gaining experience in the units of communiton, classifier, thickener, and dewatering
• Involved in a research team with production supervisor to enhance the inflow and outflow performance of the units
• Collaborated with the auditing group of occupational health and safety in the plant while monitoring the daily outputs of shifts
- Dynasty Mining Financing and Trading Corp. - Istanbul, Turkey** Sept. 2016-Sept.2017
• Established business connections between the company and its potential Australian client
- Demir Export, Koc Holding – Sivas, Turkey** June 2015-July 2015
- Site Engineering Internship**
• Analyzed the contributing performance factors for the dragline production in this open-cast coal mine
• Tested the collected sample to check the productivity documented, accordingly prepared the daily production reports, and the short-term plans in the technical office
• Engaged in a design team to enhance the slope stability of dump area where an accident happened previously

G&M Engineering Company – Ankara, Turkey

July 2014-Aug. 2014

- Reported the drilling production rate, and the work packages that were accomplished for each shift
- Entirely involved in the drilling operations and the related engineering discussions

PARTICIPATIONS TO PROFESSIONAL EVENTS**7th Worldwide Geotechnics Symposium, Union of Chambers of Turkish Civil Engineers, Istanbul, Turkey**

Nov. 2017

Offshore Wind and Wave Energy Workshop, Ankara, Turkey

Sep. 2017

- Attended the sessions and panel discussions as well as being a member of the workshop’s organization team. This workshop was a joint organization of University of Strathclyde (Glasgow, Scotland) and METU and aimed to develop research collaboration between the universities
- Included in a collaborative academic group that mapped an outline for a future project comprising various branches of different multidisciplinary topics

European Science Day for Youth Event, Ankara, Turkey

Aug. 2017

- Initiated and coordinated an event that aimed endearing science to children in an age range from nursery class to high school
- Introduced mining applications and indispensable features of mining operations by exhibiting some samples of raw material and their corresponding products

ACHIEVEMENTS & SCHOLARSHIPS**SU-YAPI Engineering and Consulting Company Scholarship**

Oct. 2015-July 2018

METU Development Institute Scholarship

May 2014- July 2018

METU Mining Engineering Department Student, High Honor Student

Sep. 2018

METU Mining Engineering Department Student, Honor Student

Mar. 2018

METU Mining Engineering Department Student, Honor Student

Mar. 2016

METU Mining Engineering Department Student, Honor Student

Mar. 2015

NON-PROFESSIONAL EXPERIENCES**Talis Organization Company - Ankara, Turkey****Assistant and Coordinator in Organizations**

Sept. 2016-Feb.2018

- Included actively in the planning, designing and performing of the international organizations mostly between the Republic of Turkey and the ministries of other foreign countries by following the set instructions and the requirements of clients
- Administrated the welcoming ceremony, transportation of foreign participants and their accommodation
- Arranged requirements for organization venues, and catering and décor services

Walt Disney World Animal Kingdom and EPCOT Theme Parks, Orlando

June 2016-Aug. 2016

- Guided the guests in the park and served foods and beverages

Totem Inn Hotel & Suites - Valdez, Alaska

June 2013-Sept. 2013

- Performed some cleaning and housekeeping tasks

Mike’s Palace, Fu Kung Chinese Restaurant, Off the Hook Grill Restaurant -Valdez, Alaska

June 2013-Sept. 2013

- Organized special events and trained the busser candidates as a part of my responsibilities

SOFTWARE KNOWLEDGE

- LaModel, Carlson AutoCAD, Micromine, Ventsim, Dips 7.0, SimaPro, Swedge, Rocscience Slide, Phase², Settle 3D, Slide 7.0, Snap-2, Lingo 10.0, Lindo 6.1, KeyCreator