

Bartu Karakurt

Department of Chemistry, Bilkent University

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EDUCATION

M.A. , Chemistry, 2018-Present

Bilkent University, Ankara, Turkey

Language of Instruction: English

CGPA: -/4.00

B.A. , Chemistry, 2014-2018

Bilkent University, Ankara, Turkey

Language of Instruction: English

CGPA: 3.55/4.00

High School Diploma, 2010-2014

TED Ankara College Private High School, Ankara, Turkey

Language of Instruction: English

CGPA: 81.3/100

RESEARCH EXPERIENCE

Senior Project

September 2017 — May 2018

Ultra High Vacuum Surface Science Laboratory, Bilkent University, Ankara, Turkey

Supervisor: Assoc. Prof. Dr. Emrah Özensoy

- Title: “Selective Tertiary-butylamine Oxidations on Oxygenated Ag(111) surface”

Research Assistantship: Undergraduate Research Assistant

July 2016 — August 2018

Ultra High Vacuum Surface Science Laboratory, Bilkent University, Ankara, Turkey

Supervisor: Assoc. Prof. Dr. Emrah Özensoy

- Projects:
 - “Selective Tertiary-butylamine Oxidations on Oxygenated Ag(111) surface”
 - “Selective Catalytic Ammonia Oxidation to Nitrogen by Atomic Oxygen Species on Ag(111) “

Internship: Roketsan Missiles Inc.

June 2017 — July 2017

Propellant and Explosive Technologies Department, Roketsan Missiles Inc, Ankara, Turkey

Supervisor(s): Serhat Öztürk, Alican Özelçağlayan

- Projects:
“Inhibition of B_2O_3 formation in Boron Based Propellants”

Research Assistantship: Research Assistant

September 2018 —Present

Ultra High Vacuum Surface Science Laboratory, Bilkent University, Ankara, Turkey

Supervisor: Assoc. Prof. Dr. Emrah Özensoy

- Projects:
“ H_2 Generation from Formic Acid on MnO_x supported Pd(111) catalyst”

Teaching Assistantship: Chem 327 - (Quantum Chemistry I) Course Assistant

September 2018 —Present

Grader of Chem 327 - (Quantum Chemistry I) course

HONORS & AWARDS

Graduated as 2nd out of a class of 21 from Bilkent University Department of Chemistry (2014 Cohort)

2015-2016 Spring Honor Student

2016-2017 Fall Honor Student

2016-2017 Spring Honor Student

2017-2018 Fall High Honor Student

2017-2018 Spring High Honor Student

Bilkent University B.A. Full Scholarship (2014-2018)

Bilkent University M.A. Full Scholarship (2018-Present)

OTHER SKILLS

Language: Turkish (Native), English (Advanced), French (Beginner)

Programming Languages: MATLAB R2013b, Microsoft Office

EXTRACURRICULAR ACTIVITIES

Bilkent Billards Society: Founder and President (Sep. 2017 - Present)

IT Manager of Özensoy Research Group Webpage (June 2018 - Present)

2nd Place in 2016 Bilkent Racket Sports Festival Tennis Tournament (Men's Singles)

1st Place in 2016 Bilkent Racket Sports Festival Tennis Tournament (Men's Doubles)

