

# Nilufer Okay

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## EDUCATION

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### **BOGAZICI UNIVERSITY**, Istanbul, Turkey

Master of Arts, Business Information Systems

2019 – 2022

- Thesis: Blockchain application to measure the environmental and social sustainability performance of the supply chain
- Coursework: Business Intelligence and Analytics, Data Mining and Knowledge Acquisition, Database Management, System Analysis and Design, Decision Making with Information Systems

### **BAHCESEHIR UNIVERSITY**, Istanbul, Turkey

Bachelor of Arts, International Finance

2013 – 2018

- Academic scholarship
- Exchange semester in Berlin, Germany

### **ISLA VISTA ELEMENTARY SCHOOL**, Santa Barbara, CA, USA

Studied 6<sup>th</sup> grade in Santa Barbara, California

2006 – 2007

## PROFFESIONAL EXPERIENCE

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### **Research Intern**, AMBEENT INC., Istanbul, Turkey

October - November 2017

- Conducted extensive research on 5G technology, smart cities and AI.
- Contributed to the 5G wireless white paper and wireless application's user guide.
- Coordinated project proposal preparation for research funds.

### **Finance Intern**, RISKTURK SOFTWARE, Istanbul, Turkey

June - September 2015

- Calculated portfolio risk using various quantitative methods such as Black Scholes, Monte Carlo, etc.
- Analyzed and evaluated portfolio performances and prepared daily risk reports.

## SKILLS

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### **Programming Languages**

JavaScript (React, Node.js), Solidity, Python, SQL, R, Matlab, HTML, CSS/Sass

### **Natural Languages**

English (Fluent), Turkish (Native), Spanish (Beginner)

## PUBLICATIONS

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- [1] Nilufer Okay and Asli Sencer. "Quantitative indicators for environmental and social sustainability performance assessment of the supply chain". Submitted to the Journal of Resources, Conservation and Recycling (Mar 2023).
- [2] Nilufer Okay and Asli Sencer. "Blockchain-based decision support system to measure environmental and social sustainability in the supply chain". Submitted to the Journal of Cleaner Production (Mar 2023).

## AWARDS

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### **National Research Contest Winner in Chemistry**

Scientific and Technological Research Council of Türkiye (TÜBİTAK)

2011

- Invented a sponge that absorbs waste oil from the seas to clean the environment and prevent pollution.

## VOLUNTEER

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### **AIESEC**

May - July 2019

- Taught English in schools in the Czech Republic and introduced Turkish culture.

### **Qnushyo Syrian Cultural Center**

October 2017 - February 2018

- Assisted in the preparation of fundraising events, collected and distributed donations and participated in activities with refugee children.

## REFERENCES

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### **Aslı Sencer (Advisor)**

Professor of MIS

Bogazici University

Department of Management

Information Systems

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### **Nesrin Okay**

Professor of Economics and Finance

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