

FİLİZ BİLEN

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PROFESSIONAL EXPERIENCE

Teaching Assistant, Eastern Mediterranean University, Sep. 1994-June 1996

Part-time Instructor, Eastern Mediterranean University, Sep. 1996-June 1997

Teaching Assistant, Eastern Mediterranean University, Sep. 1997-June 2002

Part-time Instructor, Eastern Mediterranean University, Sep. 2002-present

EDUCATION

PhD, Applied Mathematics and Computer Science, 2023, Eastern Mediterranean University

BA, Sociology, 2017, Anadolu Üniversitesi, Açık Öğretim Fakültesi

Pedagogical Training, 1997, Atatürk Öğretmen Akademisi

MSc, Applied Mathematics and Computer Science, 1997, Eastern Mediterranean University

BSc, Applied Mathematics and Computer Science, 1994, Eastern Mediterranean University – *High Honors graduate*

High School, 1990, Northeast High School, North Little Rock, Arkansas, U.S.A. – *High Honors graduate*

SKILLS

- Computer Languages: Pascal, C/C++, Matlab, HTML, CSS, Javascript, Python
- Technical Tools: LaTeX, MS Office
- Languages: Turkish (Native), English (Fluent), French (Beginner), Hungarian (Beginner)

TEACHING EXPERIENCE

Courses taught during the last ten years: Numerical Analysis, Mathematical Methods for Engineers, Probability and Statistics, Calculus, Discrete Mathematics, Ordinary Differential Equations, Logical Reasoning, Biostatistics, Mathematics for Health Sciences, Internet Based Programming, Multimedia Design and Development, Fundamentals of Computer Science I/II, Database Management Systems

GRANTS AND CERTIFICATES

- Certificate of Intern Actuary granted upon completion of Actuarial Level 1 Examinations
- TRNC Ministry of National Education and Culture grant for the project “Complexity Analysis and Efficient Implementations of Algorithms for General Linear Complementarity Problems”, December 2008.
- American Field Service Exchange Student Scholarship, August 1989 - July 1990.

PUBLICATIONS & PRESENTATIONS

- Generalized Farkas Lemma for Oriented Matroids, EURO XVII Conference, July 16-19, 2000, Budapest, Hungary.
- Balogh L., Illés T., and Bilen F., A simple proof of the generalized Farkas lemma for oriented matroids, *Pure Mathematics and Applications*, V.13, 4, 2002.
- More than a new finiteness proof of the Monotonic Build Up simplex algorithm, EUROOpt Workshop on Advances in Continuous Optimization, July 2003, İstanbul, Turkey.
- Bilen F., Csizmadia Z., and Illés T., Anstreicher-Terlaky type monotonic simplex algorithms for linear feasibility problems, *Optimization Methods and Software*, V. 22, 4: 670-695, 2007
- Bilen F., Csizmadia Z., and Illés T., A new analysis for monotonic type simplex algorithms for feasibility problems, *Alkalmazott Matematikai Lapok*, 2007 (in Hungarian)
- A look upon the current situation in the northern part of Cyprus with regard to LGBT rights, “Towards Inclusion: Healthcare, Education and the LGBT Community” Conference, October 2012, Nicosia, Cyprus.
- How queer art and activism entered the political arena in North Cyprus, “Empirical Research on Cyprus: Anthropological, cultural, historical, and political perspectives” Workshop, July 2019, Cologne, Germany.
- A new elastic filter for analyzing infeasibility in linear systems, 20th EUROOpt Workshop: Continuous Optimization Working Group is coming home, August 2023, Budapest, Hungary.