

## FİLİZ BİLEN

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### PROFESSIONAL EXPERIENCE

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| <b>Teaching Assistant</b> , Eastern Mediterranean University   | Sep. 1994-June 1996 |
| <b>Part-time Instructor</b> , Eastern Mediterranean University | Sep. 1996-June 1997 |
| <b>Teaching Assistant</b> , Eastern Mediterranean University   | Sep. 1997-June 2002 |
| <b>Part-time Instructor</b> , Eastern Mediterranean University | Sep. 2002-present   |

### EDUCATION

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#### **BA, Sociology**

2014-2017 Anadolu Üniversitesi, Açık Öğretim Fakültesi

#### **Pedagogical Training**

1996-1997 Atatürk Öğretmen Akademisi

#### **MSc, Applied Mathematics and Computer Science**

1994-1997 Eastern Mediterranean University

#### **BSc, Applied Mathematics and Computer Science**

1990-1994 Eastern Mediterranean University – *High Honors graduate*

#### **High School Diploma**

1990 Northeast High School, AR, U.S.A. – *High Honors graduate*

### SKILLS

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- Computer Languages: Pascal, C/C++, Matlab, Octave, HTML, CSS, Javascript, Python, Processing
- Technical Tools: LaTeX, MS Office, Adobe CS5
- Languages: Turkish (Native), English (Fluent), French (Beginner)

### TEACHING EXPERIENCE

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Courses taught during the last three years: Numerical Analysis, Mathematical Methods for Engineers, Probability and Statistics, Calculus, Discrete Mathematics, Internet Programming, Philosophy of Mathematics, Multimedia Design and Development,

### GRANTS AND CERTIFICATES

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- 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

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- Generalized Farkas Lemma for Oriented Matroids, *EURO XVII Conference*, July 16-19, 2000, Budapest, Hungary.
- Balogh L., Illés T., and Erbilin 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, *Advances in Continuous Optimization Conference*, July 4, 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)

### MEMBERSHIPS

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- EUROPT WG