

## V O L K A N V U R A L

### WORK EXPERIENCE

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- Boston College, Boston, MA** Jan '14 – Present  
*Adjunct Professor, Carroll School of Management*
- Teaching Economic & Financial Forecasting
- Eze Software Group (Investment Technologies), Boston, MA** Sep '08 – Aug '14  
*Sr. Developer*
- Led a research project on estimating performance degradation and service outage.
  - Produced capacity analysis and estimation reports for Executives/Clients/Consultants.
  - Managed and led a team of six to build a performance lab.
  - Developed, implemented and maintained various algorithms and applications that are widely used by client base.
- Northeastern University, Boston, MA** Jan '03 – Aug '08  
*Research Assistant, Electrical and Computer Engineering Department*
- First-authored papers that are published in ICML, JMLR, ECML, IJCAI, Optimization Methods and Software Journal.
  - Developed algorithms for multi-class, multi-label, semi-supervised learning and batch classification.
- Siemens Medical Solutions, Malvern, PA** Aug '05 - Jan '06  
*Intern, Computer Aided Diagnosis Group*
- Developed machine learning algorithms to detect Lung Cancer, Colon Cancer and Pulmonary Embolism.
  - **Patents:** Fung, G., Krishnapuram, B., Vural, V., Rao, B. "Using Candidates Correlation Information during Computer Aided Diagnosis."
- The Scientific and Technical Research Council of Turkey, Ankara, Turkey** Jun - Sep, '00  
*Intern, Geographical Information Systems Group*
- Developed a remotely controlled, flying device that takes images of earth's surface.
- Programming Skills:** C#, MATLAB, SQL, Java, C++, C

### EDUCATION

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- Ph.D. Electrical and Computer Engineering Department, Northeastern University, Boston, MA** Jan '09
- Concentration : Statistical Machine Learning
  - Dissertation: Improving Large Margin Classifiers using Relationships among Samples
- M.S. Electrical and Computer Engineering Department, Northeastern University, Boston, MA** May '04
- Concentration : Statistical Machine Learning
- B.S. Electrical and Electronics Engineering Department, Middle East Technical University, Ankara, Turkey** May '01
- Concentration: Double Major, Telecommunications and Computer Engineering

### AWARDS RECEIVED

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- Peer Recognition Award, Eze Castle Software '12  
Leadership Award, Eze Castle Software '09  
Travel-grant, Graduate and Professional Student Association, Northeastern University '06  
Travel-grant, International Conference on Machine Learning '04  
Third Best Tutor Award, Peer Tutoring Center, Northeastern University '03  
Dean's List, Middle East Technical University, Ankara, Turkey '98  
Ranked 280<sup>th</sup> among more than 1.5 million students in Turkish National University Entrance Exam '97