

Murat Bozkurt

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Objective

To obtain a civil engineering position where I can utilize my academic background and previous employment to share with others my enthusiasm and interest in engineering.

Employment Experience

July 2006– Present City and County of San Francisco San Francisco, CA
Assistant Engineer

- Designing valve houses and vaults for the new Bay Division pipeline.
- Developing the system schematics for the operation strategy during the construction of the pipeline and the tunnel in order to configure the construction sequence and shut down.
- Determining the manpower plan and the budget for the pipeline project.

August 2007– Present San Francisco State University San Francisco, CA
Professor

- Teaching the lab session of Surveying and Soil Mechanics Courses.
- Grading the lab reports.
- Assisting the instructor during the course.

December 2005– July 2006 City and County of San Francisco San Francisco, CA
Junior Engineer

- Assisting and keeping the database of condo conversion applications.
- Checking maps regarding parcel map, new construction, and condo conversions.
- Supervising student interns.

Designing and administrating the database for mapping division.

June 2005– December 2005 City of Oakland Oakland, CA
Interim Assistant Engineer

- Investigating bus shelter locations, designing bus shelters.
- Processing citizen and speed bump requests. Designing speed bumps.
- Researching and analyzing grant applications for pedestrians and bicycle projects.
- Assisting with submissions of reimbursement requests and project updates.
- Designing bike lanes, maintaining database of bicycle parking racks, and assisting in re-striping of bicycle lanes.

January 2005– June 2005 NY Engineering Fremont, CA
Junior Engineer

- Designing joints for wood structures.
- Calculating the cost of construction.
- Researching and analyzing the construction schedule.
- Drafting AutoCAD drawings.

February 2004– June 2005 City of Oakland Oakland, CA
Bicycle/Pedestrian Engineering Intern

- Researching and analyzing information for grant applications for pedestrians and bicycle projects.
- Assisting with submissions of reimbursement requests and project updates.
- Designing signage for bicyclist, maintaining database of bicycle parking racks, and assisting in re-striping of bicycle lanes.

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|---|--------------------------------|-------------------|
| July 2004– May 2005
Graduate Assistant | San Francisco State University | San Francisco, CA |
| <ul style="list-style-type: none"> ▪ Interact with various levels of administrators, students and public. ▪ Adhere to all safety guidelines established by the university. ▪ Instruct a lab course for interpreting blue line prints to undergraduate engineering students. | | |
| August 2004– May 2005
Graduate Teaching Assistant | San Francisco State University | San Francisco, CA |
| <ul style="list-style-type: none"> ▪ Teaching the lab session of Surveying Course. ▪ Grading the lab reports. ▪ Assisting the instructor during the course. | | |
| August 2003– May 2005
Grading Assistant | San Francisco State University | San Francisco, CA |
| <ul style="list-style-type: none"> ▪ Graded homework, exams, quizzes for Engineering Courses. ▪ Scanned solutions and designed Web page for student access. ▪ Created Excel file, assisting Professor in keeping track of grades. | | |
| August 2002–January 2004
Volunteer Coordinator | National Park Service | San Francisco, CA |
| <ul style="list-style-type: none"> ▪ Arranged activities and meetings for international volunteers, icebreakers and spare-time arrangements. ▪ Coordinated international volunteers on job site for a variety of assignments, maintaining roads and trails. ▪ Managed dormitory, prepared site assignment and oversaw travel allowance budget. | | |
| May 2001– September 2001
Summer Intern | ARISU Engineering | Ankara, TURKEY |
| <ul style="list-style-type: none"> ▪ Drafted sewage and utility system projects and computed design calculations. ▪ Designed the sewage system project of a big town. ▪ Coordinated municipality approvals. | | |
| May 2000–September 2000
Summer Intern | OYAK Construction | Ankara, TURKEY |
| <ul style="list-style-type: none"> ▪ Worked in the construction of four high-rise buildings. ▪ Coordinated the construction of roofs. ▪ Reported accounting and budgeting of the construction project. | | |
| October 1998–May 2002
Science and Mathematic Tutor | Self-Employed | Ankara, TURKEY |
| <ul style="list-style-type: none"> ▪ Taught more than 100 students ranging from primary school to college level in natural sciences and mathematics. ▪ Prepared individualized exams and quizzes for student assessment. ▪ Planed study schedules for students. | | |
| July 1998-May 2002
Surveyor | Infakto Research Workshop | Ankara, TURKEY |
| <ul style="list-style-type: none"> ▪ Selected individuals from the general population for surveys administered by client firms. ▪ Interviewed professionals for the surveys. ▪ Conducted over 1000 surveys. | | |

Education

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| 2003–2005 | San Francisco State University | San Francisco, CA |
| ▪ | Masters of Science in Earthquake and Structural Engineering | |
| ▪ | GPA is 4.0/4.0 | |
| 1998–2002 | Middle East Technical University | Ankara, TURKEY |
| ▪ | Bachelor of Science in Civil Engineering | |
| ▪ | Majored in Transportation Engineering | |
| ▪ | Studied Highway Design and Bicyclist Transportation | |
| 1994–1997 | Gulhane Military Medical Academy | Ankara, TURKEY |
| ▪ | Pursued Medical Doctorate | |

Publications, Awards, Certification, and Memberships

- 2007 Professional Engineer in Civil Engineering (C 71620)
- 2006 4WCSCM Conference Proceedings: “Optimal Design and Configuration of Seismic Dampers”
- 2005 ASME PVP Conference Proceedings: “Case Study: Seismic Rehabilitation of a Historical Building Using UCBC 97 & FEMA 356 Guidelines”
- 2004 Certified Engineer-in-Training (Cert. No EIT 120542)
- 2004 Defensive Driver Training Program Certificate
- 2004 Golden Gate National Recreation Area Safety Award
- 2003 Golden Gate National Recreation Area Safety Award
- 2003 American Institute of Steel Construction
- 2003 American Society of Civil Engineers
- 2002 CPR for Professional Rescuer: American Red Cross
- 2000 International Association of Civil Engineering Students, METU