

راهنمای اپلای برای مقطع تحصیلات تکمیلی
به همراه ویدیوهای آموزشی در یوتیوب

How to Apply for Graduate School

Overview

- ❑ **Part 1: How to Write a Resume.**
- ❑ **Part 2: How to Write an Inquiry Email.**
- ❑ **Part 3: How to Write a Statement of Purpose.**
- ❑ **Part 4: How to Interview for Graduate School.**

YouTube Videos

☐ **Part 1: Resume**

<https://youtu.be/oU700kxDI9w>

☐ **Part 2: Inquiry Email**

<https://youtu.be/Cn2s8dY7dj0>

☐ **Part 3: Statement of Purpose**

<https://youtu.be/RE8dOdM2Xv4>

☐ **Part 4: Interview**

<https://youtu.be/vphPGI7IG9k>

Part 4 explained in English

Part 1

How to Write a Resume

What is a Resume?

Purpose

Contents

Format

Personal Information

☐ Name / Email / Phone / Mailing Address

MASOUD GHODRAT ABADI

Graduate Research Assistant in Transportation Engineering
School of Civil and Construction Engineering, Oregon State University
101 Kearney Hall, Corvallis, OR, 97331 | Cellphone: [REDACTED]
Email: [REDACTED] | Website: [REDACTED]

**No identifiable
information**

☐ Objective (optional)

Education

□ Degree / Major / Minor / Institution

EDUCATION

Doctor of Philosophy, Civil Engineering/Transportation Engineering	2018
Oregon State University (OSU), Corvallis, OR, USA	(anticipated)
<ul style="list-style-type: none">• Dissertation: Transportation Infrastructure to Support Bicycling: Design and Operational Considerations• Adviser: Dr. David S. Hurwitz	
Master of Science, Civil Engineering/Transportation Engineering	2012
Sharif University of Technology, Tehran, Iran	
<ul style="list-style-type: none">• Thesis: “Car Ownership Modeling”• Adviser: Dr. Mohammad Kermanshah	
Bachelor of Science, Civil Engineering	2010
Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran	

Work Experience

□ Job Title / Company / Location / Dates

RESEARCH EXPERIENCE

Graduate Research Assistant

2014-Present

School of Civil and Construction Eng., Oregon State University (OSU), Corvallis, OR, USA

- An Examination of the Impact of Increasing Commercial Parking Utilization on Cyclist Safety in Urban Environment
 - Developed and ran an online survey to study bicyclist behavior at urban areas
 - Created 3D models in Google SketchUp to represent bicycling experience in urban areas
 - Established a new procedure for tile development in RTI simulators

PROFESSIONAL EXPERIENCE

Traffic Engineer

2011-2014

Gozarrah Consulting Engineers, Tehran, Iran

- Studying Pedestrians' Behavior at Midblock and Intersection Crossing and Evaluating the Efficiency of Pedestrian Overpasses
 - Supervised more than 200 hours of data collection
 - Evaluated pedestrians' tendency to use overpasses using Poisson Regression
 - Analyzed efficiency of pedestrian overpasses featuring escalators and elevators

Publications

□ Journals / Conferences / Technical Reports

REFEREED JOURNAL PUBLICATIONS

1. **Abadi, M.G.,** Hurwitz, D., Marnell, P., and Quayle, S. (2017) “Evaluation of Red Clearance Extension Designs with Hardware-in-the-Loop Simulation”. *Transportation Letters: The International Journal of Transportation Research* DOI: 10.1080/19427867.2017.1336860 (in press).
2. **Abadi, M.G.,** Hurwitz, D. and Brown, S. (2017) “Influence of Context on Item-Specific Self-Efficacy and Competence of Engineering Students”. *International Journal of Engineering Education*. 33(4), pp. 1297-1306.
3. **Abadi, M.G.,** Jashami, H., McCrea, S. and Hurwitz, D. (2017) “Evaluation of Right-of-Way Transitions at Signalized Intersections: Implications of Driver Behavior for Conflicting Through Movements”. *Transportation Research Record: Journal of the Transportation Research Board*. 2624, pp. 48-57. DOI: 10.3141/2624-06.
4. **Abadi, M.G.,** Hurwitz, D. and Brown, S. (2016) “Holistic and Iterative Development and Dissemination of Conceptual Traffic Signal Questions”. *ASCE: Journal of Professional Issues in Engineering Education and Practice*, 142(4), 04016010.

Awards and Achievements

□ Recognitions

AWARDS AND ACHIEVEMENT

Eno Center for Transportation	Future Leaders Development Fellow	2017
USDOT Region 10 UTC	Michael Kyte Student of the Year Award	2017
USDOT Region 10 UTC	Safe Driving Public Service Announcement (1 st Place)	2016
KBVR Radio Station	Featured in the “Inspiration Dissemination” show	2016
USDOT Region 10 UTC	Best Poster at 13 th Annual Student Conference (3 rd Place)	2015
Oregon ITE	Bill Kloos Scholarship	2014

Service Activities

□ Extracurricular Activities

□ Memberships, Community Involvements, Volunteers

SERVICE ACTIVITIES

Peer Review

- AHB50-Committee on Traffic Control Devices, TRB 96th Annual Meeting [3 papers].
- ABG20-Committee on Transportation Education and Training, TRB 96th Annual Meeting [1 paper].
- AND30-Committee on Simulation and Measurement, TRB 96th Annual Meeting [2 papers].
- AND30-Committee on Simulation and Measurement, TRB 95th Annual Meeting [2 papers].
- ADD20-Committee on Social and Economic Factors, TRB 94th Annual Meeting [2 papers].

Conference and Session Leadership

- Moderator, PacTrans/Tongji Graduate Student Research Symposium in Transportation Science and Technologies, Seattle, WA. Aug. 2016.
- Co-Chair, PacTrans 13th Annual Student Conference, Seattle, WA. Oct. 2015

Professional Membership and Leadership

- Transportation Research Board (TRB)
 - Member, ABG20 Committee on Transportation Education and Training, 2016-Present
 - Friend, AND30 Committee on Simulation and Measurement, 2015-Present

Skills

□ Language / Software / Soft Skills

Winning Resume

100% Honest



Show your strength / assets



Brief / Concise / Easy to Read



No Grammar/Spelling Errors



Short!

Part 2

How to Write an Inquiry Email

Inquiry Email

Purpose

Contents

Format

Unique

Three Sections

□ Section 1: Introduction

- Who you are: *name, degree, standing, university*
- Why you are sending this email: *PhD, MS, etc.*

Dear Dr. xxx,

My name is Masoud Ghodrat Abadi. I am a graduate student in transportation planning from Sharif Univ. of Tech. (rank 1st in Iran). The subject of my MS thesis was “Private Car Ownership Modeling.” I am sending this email to inquire if you have any available funded PhD positions.

Three Sections

□ Section 2: Your Qualifications

➤ Why you are a good fit for the professor's lab.

I believe that my greatest contribution to the transportation profession will be achieved by obtaining a PhD. While recognizing that I am at an early stage of my education, I have already achieved the following accomplishments:

- Published a paper in Transportation Research Records.
- Worked on traffic simulation and pedestrian behavior projects as a junior traffic engr. at a consulting firm.
- Obtained score of 107 on TOEFL iBT.

Three Sections

□ Section 3: Conclusion

➤ Call to action.

Attached is my CV. I am confident that if given the opportunity, I will be a helpful addition to your lab. Please do not hesitate to contact me with any questions you may have via phone at [REDACTED] or email at [REDACTED].

I appreciate your consideration and look forward to hearing from you.

Sincerely,

Masoud Ghodrat Abadi

Important Considerations

Study about the professors



Use your academic email



Clear subject line



Professional greetings



No Grammar/Spelling Errors

Important Considerations

Pool of applicants



Game of numbers



Unique and Short



Instagram Live!

Part 3

How to Write a Statement of Purpose

What is a Statement of Purpose?

Why Me?



Why You?

**WRITING
SKILLS**

Statement of Purpose

- ☐ Section 1: Introduction
- ☐ Section 2: About the Student
- ☐ Section 3: About the University/Program
- ☐ Section 4: Conclusion

Section 1: Introduction

➤ Who you are.

❑ *Name, Degree, Standing, and University*

➤ What you want to accomplish by completing this degree.

❑ *Ph.D. (Teaching, Research, and Service)*

Section 2: About the Student

➤ Your background.

☐ *Research, Professional Work, Teaching, etc.*

➤ Soft skills.

☐ *Working hard, Persisting through challenges, etc.*

➤ Unclear items in your resume.

☐ *Gaps in your education, work, etc.*

➤ Personal statement.

Section 3: About the University/Program

➤ University.

- ❑ *Mission, Vision, Values, and Goals.*

➤ Program.

- ❑ *Goals, Professors, Alumni, etc.*

Section 4: Conclusion

➤ **Summary.**

➤ **You are a good fit!**

➤ **Short.**

Faculty Survey

Demonstration that **you know what area of research I'm in** and you know what my lab/research group studies. For the most up-to-date information on this, I recommend checking faculty member's websites or most recent papers with their students.

Faculty Survey

Clear understanding of what research area you want to study. Provide an example of a problem think is important for research to tackle. I want to know that the student understands the specifics of the field to some degree that they want to study, rather than the generic "transportation safety" or "human factors" - it is helpful if the student can give a one-liner or a couple sentences about a potential research problem they see as one that may be worth studying that is more specific.

Faculty Survey

It is helpful to see from the student that they are a **competent writer**. While progress can be made during a PhD, at this point, it is incredibly important for the potential student to be a clear writer to successfully write papers, conference papers, and put together conference presentations/posters. And of course, to write their proposal and dissertation.

Faculty Survey

The most important factor is writing something from your side. Instructors can easily say if you're talking from your heart or your SOP is based on available samples on Google. - **Make it unique.** Everyone can write cliché. But everyone doesn't win the competition. The creative people can win the competition.

Important Considerations

➤ **No Grammatical, Spelling, or Editorial Errors.**



"has anyone written anything like this?"





 All

 News

 Videos

 Images

 Shopping

 More

Tools

About 620 results (0.41 seconds)

Part 4

How to Interview for Graduate School

What is the Purpose?

➤ Do you have what it takes to succeed in graduate school?

☐ *Communication skills*

☐ *Interpersonal skills*

☐ *Interest and Motivation*

☐ *Maturity*

Online Interview

- **Section 1: Personal Characteristics**
- **Section 2: Academic Experience/Goals**
- **Section 3: Selected Program**
- **Section 4: Extracurricular Activities**
- **Section 5: Your Questions**

Section 1: Personal Characteristics

➤ Tell me about yourself.

☐ *Graduate school is inevitable!*

➤ What are your strengths and weaknesses?

☐ *Avoid showing yourself arrogant or problematic.*

➤ How you manage conflicts, stress, challenges, etc.

☐ *Provide examples but be positive and professional.*

Section 2: Academic Experience/Goals

➤ Why are you interested in this field?

☐ *Extend your SOP discussion.*

➤ What are your research interests?

☐ *Connect your interests with those of the program/professor.*

➤ What is the most pressing issue in your field today.

☐ *Recent literature.*

Section 2: Academic Experience/Goals

- Tell me about your university experience.
 - ❑ *Show that you are prepared for the position.*
- What are your career goals?
 - ❑ *Short-term and long-term.*

Section 3: Selected Program

➤ Why did you choose to apply to our program?

☐ *Do you care enough?*

☐ *University Mission and Vision.*

☐ *Professors.*

☐ *Alumni.*

➤ What other schools are you considering?

☐ *What is your particular interest to attend this school.*

Section 4: Extracurricular Activities

➤ Tell me about your hobbies.

☐ *Being multi-dimensional.*

☐ *Work-life balance.*

Section 5: Your Questions

➤ Do you have any questions for me?

❑ ***“No” is the wrong answer.***

- *How long does it take typically to complete the program?*
- *Where are recent graduates employed?*
- *Are there any scholarships/fellowships available?*
- *What is the selection timeline?*

Important Considerations

Prepare your environment



Mock interview



Bring good energy



Follow up