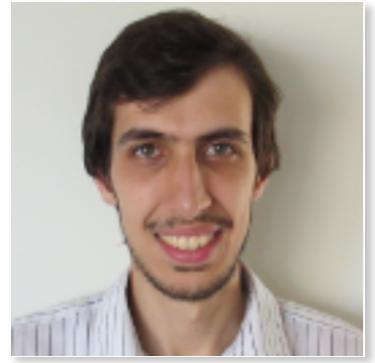# Fariborz Ghavamian

June 6, 1989

Schimmelpenninckstraat 31,
2613 TJ, Delft,
the Netherlands.

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## Personal Attributes

self taught, goal oriented, skilled in communication,
critical thinker, team player, independent, explorer

## Computer skills

Programming: C++, MATLAB, Python
Typesetting: Latex, Microsoft office, Apple iWork

## Languages

Persian: *native*
English: *fluent*
Dutch: *basic, can read with a dictionary*
German: *basic, can read with a dictionary*

## Education                    **"I learned how to learn and apply"**

- Ph.D. in civil engineering, TU Delft - The Netherlands,                    2015 - present
- Thesis topic: Machine learning in computational mechanics of materials:
  - applied abstract machine learning techniques to real world problems
  - high performance computation
  - dimensionality reduction, regression, clustering and classification
  - wrote code in C++, MATLAB and Python (NumPy, Pandas, Tensorflow)

- M.Sc. with honours in civil engineering, TU Delft - The Netherlands,                    2012 - 2014
- B.Sc. in civil engineering, Qazvin Islamic Azad University - Iran,                    2008 - 2012

## Teaching Experiences        "I put my soft skills to test"

- Teacher of a mathematics course,                                    2016 - present
  - delivered lectures to a class with more than 150 students
  - made a series of video lectures on youtube (youtube channel: Fariborz Ghavamian)

- Supervisor of a M.Sc. student,                                    2015
  - micromanaged his thesis work
  - stimulated and motivated him to achieve the end goal

- Teacher assistant of computer lectures,                                    2015 - present
  - assisted ten groups of students in their assignments

## Work Experiences        "I experienced a diverse set of working environments"

- Internship at Tebodin - The Hague, The Netherlands,                    2013
  - worked in a multidisciplinary group
  - designed and analysed civil engineering structures

- Volunteer interpreter at Robocup open 2012 competition - Tehran, Iran,        2012
  - supported a group of participants from multiple cultures

- Internship at a building construction site of Tab company - Tehran, Iran,        2011
  - quality control

## Certificates

Machine learning - Coursera
M.Sc. Honour programme - with focus on computational mechanics, TU Delft
English language - IELTS, Grade 8/9
C++ programming - Dynaflow research group