

# Ilia Goldshtein

## Summer Research Assistant in Shape Memory Alloys

Philadelphia, PA - Email me on Indeed: [indeed.com/r/Ilia-Goldshtein/073c69cc0ef3984c](https://www.indeed.com/r/Ilia-Goldshtein/073c69cc0ef3984c)

Willing to relocate: Anywhere

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Summer Research Assistant in Shape Memory Alloys

Temple University - 2015 to 2015

with Harsh Deep Chopra, PhD.

Placing non-Joulian magnetostriction circular samples into rotating magnetic fields and measuring strain caused by the field in different directions; data analysis.

#### Tutor

Borough of Manhattan Community College - New York, NY - 2014 to 2014

Tutored college students for engineering courses

#### Senior Mechanical Petty Officer

Israel Navy - 2003 to 2008

Assist chief engineer in ensuring optimal safe performance of military vessels, maintaining engine control and control room; managed and trained professional mechanical team; repaired electrical and mechanical malfunctions;

overhaul marine diesel engine; maintained gas turbine engine; diving member for the search and rescue team.

#### Tutor/Mentor

Israel Nautical College Math Lab Tutor-Acre - 2002 to 2003

Tutored high school students in Calculus I

### TECHNICAL BACKGROUND

MatLab - code programming

SolidWorks - object design, engineering drawings, and FEM analysis

Ansys - Heat transfer and fluent analysis

Microsoft Office Applications - Word, Excel, Powerpoint

### EDUCATION

#### Bachelor of Science in Mechanical Engineering GPA 3.8

Temple University-College of Engineering - Philadelphia, PA

2014 to 2016

#### Associate in Engineering Science GPA 3.8

Borough of Manhattan Community College - New York, NY

2010 to 2014

#### Associate in Industrial Management Engineering GPA 3.7

The Israeli Nautical College

2002 to 2003

#### MILITARY SERVICE

Service Country: IL

Branch: Navy

Rank: Senior Mechanical Petty Officer

September 2003 to September 2008

Assist chief engineer in ensuring optimal safe performance of military vessels, maintaining engine control and control room; managed and trained professional mechanical team; repaired electrical and mechanical malfunctions; overhaul marine diesel engine; maintained gas turbine engine; diving member for the search and rescue team.

#### AWARDS

##### **Academic Honors- Dean's Least**

September 2014

##### **Academic Honors: Dean's List**

September 2015

##### **Academic Honors: Dean's List**

May 2016