

# Seyed Ali Rezaei

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## EDUCATIONS

Aug 2022 – Present	<u>Tampere University (TUNI)</u> <b>MSc in Electrical Engineering</b> <ul style="list-style-type: none"><li>Advanced Studies in Smart Grids and Renewable Energy</li></ul>	Mashhad, Iran
Sep 2015 – Jan 2020	<u>Ferdowsi University of Mashhad (FUM)</u> <b>BSc In Electrical Engineering</b> <ul style="list-style-type: none"><li>Last two years GPA: 3.1/4 (60 credits)</li><li>Total GPA: 14.7/20</li><li>Thesis title: Transformer oil protection and observation instruments along with providing Android application for Gas Chromatography Analysis Method</li></ul>	Mashhad, Iran




## WORK EXPERIENCES

Apr 2020 - Present	<u>Emdad Teb Pooya Medical Devices Company</u> <b>Quality Assurance Manager</b> <p>Developing and managing processes to ensure that products meet required specifications for quality in addition to investigating and setting standards such as ISO13485(2016) and ISO9001(2015) for quality, health and safety.</p>	Mashhad, Iran
Sep 2019 – Jan 2020	<u>Ferdowsi University of Mashhad</u> <b>Teacher Assistant</b> <p>Teacher Assistant for Electric Machines I course.</p>	Mashhad, Iran
Jun 2019 – Sep 2019	<u>Mashhad Power Plant</u> <b>Intern</b> <p>Researched and diagnosed the roots of an accident occurred to the main transformer of BBC G12 unit with 90MVA capacity.</p>	Mashhad, Iran
Nov 2018 – Jun 2019	<u>Entekhab Machine Tools Company</u> <b>Digital Marketing Associate</b> <p>Developed and implemented the digital marketing strategy to promote the company's websites, social media platforms, and other web-based resources.</p>	Mashhad, Iran
Nov 2018 – Present	<u>Freelancer</u> <b>Android Developer, Front-end web designer</b> <p>Launching various websites and developing android applications.</p>	Online

## PAPERS AND PROJECTS

Nov 2020	<u>Niroom Research Institute (NRI)</u> <u>7<sup>th</sup> International Transformer Conference (ITC2020)</u> <ul style="list-style-type: none"><li>Paper Title: <b>Fault Diagnosis of the main transformer of BBC unit of Mashhad Power Station, Using Gas Chromatography Analysis Method</b> (<a href="#">🔗</a>)</li></ul>	Tehran, Iran
Mar 2021 - Present	<u>R&amp;D department of Emdad Teb Pooya Company in corporation with Biomedical Faculty of Azad University of Mashhad</u> <ul style="list-style-type: none"><li>Projects: <b>Presenting Technical File to Iran Medical Equipment Directorate (IMED)</b> <b>Analysis of fatigue loading test for abutment implants based on ISO14801</b> <b>Design of External Automated Defibrillator (AED)</b></li></ul>	Mashhad, Iran

## CERTIFICATES

Dec 2021	<u>International English Language Testing System (IELTS)</u> <b>Overall Band score: 8.0</b> LISTENING: 8.5 READING: 8.5 WRITING: 6.5 SPEAKING: 7.5	Mashhad, Iran
Dec 2021	<u>Electric Vehicles and Mobility</u>  <b>an online non-credit course authorized by École des Ponts ParisTech and offered through Coursera</b>	Online
Nov 2021	<u>Machine Learning</u>  <b>An online non-credit course authorized by the Stanford University offered through Coursera</b>	Online
Aug 2021	<u>Python Programming Essentials</u>  <b>An online non-credit course authorized by the RICE University through Coursera</b>	Online
Oct 2018	<u>Electric motor start-up and control systems</u> <u>And electrical energy distribution systems</u> <b>12 Hours training authorized by B&amp;R commercial group</b>	Mashhad, Iran

## MEMBERSHIPS

- Board Member** • Students' Union - Faculty of Engineering, Ferdowsi University (+ 5,000 Students)
- Student Member** • Institute of Electrical and Electronics Engineers (IEEE)

## SKILLS

Programming Languages:	<ul style="list-style-type: none"><li>• Java</li><li>• Python</li><li>• C/C++</li><li>• HTML</li><li>• CSS</li><li>• Ladder</li><li>• Verilog</li></ul>	Softwares:	<ul style="list-style-type: none"><li>• MATLAB &amp; Simulink</li><li>• Altium Designer</li><li>• Simatic Step 7</li><li>• DigSILENT</li><li>• Arduino</li><li>• PSpice</li><li>• Proteus</li></ul>	<ul style="list-style-type: none"><li>• Android Studio</li><li>• Visual Studio</li><li>• Bootstrap</li><li>• WordPress</li><li>• Adobe Photoshop</li><li>• Adobe Illustrator</li><li>• Microsoft Office</li></ul>

## HONORS

- ✓ Awarded tuition waiver at Ferdowsi University of Mashhad
- ✓ Entitled as an exceptional talented student at Ferdowsi of Mashhad (1<sup>st</sup> semester 2019-2020)
- ✓ National university entrance exam, Top 1% among 250,000 participants in 2015

## LANGUAGES

English (Fluent)      Persian (Native)      Turkish (Intermediate)      Finnish (Basic)      Arabic (Basic)

## HOBBIES



Trading FOREX



Playing Violin



Playing Chess



Watching Movies



Reading Books